

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE OF PAGES 1 46	
2. AMENDMENT/MODIFICATION NO. 0001		3. EFFECTIVE DATE 22-Dec-2003		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO.(If applicable)	
6. ISSUED BY US ARMY ENGINEERING & SUPPORT CENTER CEHNC-CT 4820 UNIVERSITY SQUARE HUNTSVILLE AL 35816-1822		CODE W912DY		7. ADMINISTERED BY (If other than item 6) ORDNANCE & ENG TEAM/CT-E ATTN: FRANCES STEEL 256-895-1846 HUNTSVILLE AL 35816		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)				X		9A. AMENDMENT OF SOLICITATION NO. W912DY-04-R-0003	
				X		9B. DATED (SEE ITEM 11) 10-Dec-2003	
						10A. MOD. OF CONTRACT/ORDER NO.	
						10B. DATED (SEE ITEM 13)	
CODE		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).							
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
D. OTHER (Specify type of modification and authority)							
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Amendment 0001 makes changes in Sections B, C, H, & L. Changes to Sections C, H, & L are marked by highlighting. All other terms and conditions remain unchanged. Large Businesses, see continuation page for information regarding your Small Business Subcontracting Plan.							
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
				TEL: _____ EMAIL: _____			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
_____ (Signature of person authorized to sign)				BY _____ (Signature of Contracting Officer)			

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION SF 30 - BLOCK 14 CONTINUATION PAGE

The following have been added by full text:

CONTINUATION PAGE

Subcontracting Plan for Large Businesses:

Large Businesses shall furnish a Small Business Subcontracting plan not later than 26 January, 2004. This is a separate requirement under FAR part 19 and is not included in the proposal materials evaluated for award. However, award may not be made to a Large business without an approved Small Business Subcontracting Plan. The subcontracting plan will not cover contracts or contract modifications that will be performed entirely outside of the United States and its outlying areas.

SECTION B - SUPPLIES OR SERVICES AND PRICES

CLIN 0001

The CLIN extended description has changed from THE OFFEROR SHALL PROPOSE ON ALL IDENTIFIED LABOR CATEGORIES. OFFERORS MAY PROPOSE MODIFICATIONS, ADDITIONS OR DELETIONS TO THE CLINS AS NECESSARY TO PERFORM THE WORK REQUIRED UNDER THIS SOLICITATION. CHANGES TO THE CLINS SHALL BE BRIEFLY JUSTIFIED IN THE OFFEROR'S PRICE PROPOSAL. (VOLUME II) to **FFP OR T&M** THE OFFEROR SHALL PROPOSE ON ALL IDENTIFIED LABOR CATEGORIES. OFFERORS MAY PROPOSE MODIFICATIONS, ADDITIONS OR DELETIONS TO THE CLINS AS NECESSARY TO PERFORM THE WORK REQUIRED UNDER THIS SOLICITATION. CHANGES TO THE CLINS SHALL BE BRIEFLY JUSTIFIED IN THE OFFEROR'S PRICE PROPOSAL. (VOLUME II) **FOR THE PURPOSES OF THIS RFP, WAGE CATEGORIES IDENTIFIED UNDER CLINS 0005 AND 0006 AS CEA CLINS ARE FOR EFFORT IN IRAQ ONLY.**

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0002		1			
	MATERIAL & SUBCONTRACTS PLUS HDLG CHRG				
	T&M				
	FFP OR T&M - MATERIALS & SUBCONTRACTS PLUS HANDLING				
	CHARGE T&M-PRICE INCLUDES ALL COSTS INCLUDING PROFIT.				
	% MATERIALS AND SUBCONTRACTS HANDLING CHARGE.				
	THE TOTAL ESTIMATED PRICE FOR THIS ITEM IS \$23,628,723.63				

TOT ESTIMATED PRICE

CEILING PRICE

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0003	TRAVEL AND TRAVEL HANDLING CHARGE T&M PRICE INCLUDES ALL COSTS INCLUDING BUT NOT LIMITED TO TRAVEL AND TRAVEL HANDLING CHARGES. _____% TRAVEL HANDLING CHARGE. THE TOTAL ESTIMATED PRICE FOR THIS ITEM IS \$5,000,000.00	1			
TOT ESTIMATED PRICE					
CEILING PRICE					

The following have been modified:

RATE TABLES

THE QUANTITIES PROVIDED BELOW WILL BE USED FOR EVALUATION PURPOSES ONLY.
CLIN 0005 BURDENED LABOR INCLUDING PROFIT (FOR USE WITH T&M ORDERS)

<u>ITEM NO.</u>	<u>SUPPLIES/SERVICES</u>	<u>QUANTITY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
0005AA	MECHANIC	78	Hours	_____	_____
0005AB	MECHANIC (CEA)	972	Hours	_____	_____
0005AC	CERTIFIED INDUSTRIAL HYGIENIST	78	Hours	_____	_____
0005AD	SENIOR SCIENTIST	150	Hours	_____	_____
0005AE	STAFF SCIENTIST	300	Hours	_____	_____
0005AF	FIELD OFFICE – ADMINISTRATIVE	300	Hours	_____	_____
0005AG	FIELD OFFICE – ADMINISTRATIVE (CEA)	810	Hours	_____	_____
0005AH	FIELD OFFICE – ADMINISTRATIVE (CEA O/T)	432	Hours	_____	_____
0005AI	DRAFTER I	150	Hours	_____	_____
0005AJ	EMERGENCY MEDICAL TECHNICIAN	32	Hours	_____	_____
0005AK	COMPUTER PROGRAMMER	32	Hours	_____	_____

0005AL	LABORER	1,800	Hours	_____	_____
0005AM	LABORER (CEA)	38,880	Hours	_____	_____
0005AN	HEAVY EQUIPMENT OPERATOR	600	Hours	_____	_____
0005AO	GEOLOGIST	600	Hours	_____	_____
0005AP	GEOPHYSICAL INSTRUMENT OPERATOR	1,200	Hours	_____	_____
0005AQ	PROJECT MANAGER	900	Hours	_____	_____
0005AR	PROJECT MANAGER (CEA)	270	Hours	_____	_____
0005AS	PROJECT MANAGER (CEA O/T)	216	Hours	_____	_____
0005AT	GEOGRAPHIC INFORMATION SYSTEMS MANAGER	300	Hours	_____	_____
0005AU	ENGINEERING TECH I	150	Hours	_____	_____
0005AV	ENGINEERING TECH II	150	Hours	_____	_____
0005AW	INDUSTRIAL HYGIENIST	150	Hours	_____	_____
0005AX	LAB TECHNICIAN	78	Hours	_____	_____
0005AY	SECURITY GUARD	300	Hours	_____	_____
0005AZ	SENIOR UXO SUPERVISOR	720	Hours	_____	_____
0005BA	SENIOR UXO SUPERVISOR (4% HAZARDOUS PAY DIFFERENTIAL (HPD))	90	Hours	_____	_____
0005BB	SENIOR UXO SUPERVISOR (8% HPD)	90	Hours	_____	_____
0005BC	SENIOR UXO SUPERVISOR (CEA)	122	Hours	_____	_____
0005BD	SENIOR UXO SUPERVISOR (CEA	122	Hours	_____	_____

	O/T)				
0005BE	SENIOR UXO SUPERVISOR CEA w/HPD	419	Hours	_____	_____
0005BF	SENIOR UXO SUPERVISOR CEA O/T w/HPD	311	Hours	_____	_____
0005BG	SURVEYOR	600	Hours	_____	_____
0005BH	TRUCK DRIVER	300	Hours	_____	_____
0005BI	UXO TECHNICIAN I	90	Hours	_____	_____
0005BJ	UXO TECHNICIAN I (4% HPD)	90	Hours	_____	_____
0005BK	UXO TECHNICIAN I (8% HPD)	1,620	Hours	_____	_____
0005BL	UXO TECHNICIAN I (CEA)	365	Hours	_____	_____
0005BM	UXO TECHNICIAN I (CEA O/T)	365	Hours	_____	_____
0005BN	UXO TECHNICIAN I CEA w/HPD	1,256	Hours	_____	_____
0005BO	UXO TECHNICIAN I CEA O/T w/HPD	932	Hours	_____	_____
0005BP	UXO TECHNICIAN II	1,500	Hours	_____	_____
0005BQ	UXO TECHNICIAN II (4% HPD)	1,500	Hours	_____	_____
0005BR	UXO TECHNICIAN II (8% HPD)	12,000	Hours	_____	_____
0005BS	UXO TECHNICIAN II (CEA)	1,215	Hours	_____	_____
0005BT	UXO TECHNICIAN II (CEA O/T)	1,215	Hours	_____	_____
0005BU	UXO TECHNICIAN II CEA w/HPD	4,185	Hours	_____	_____
0005BV	UXO TECHNICIAN II CEA O/T w/HPD	3,105	Hours	_____	_____
0005BW	UXO TECHNICIAN III	375	Hours	_____	_____

0005BX	UXO TECHNICIAN III (4% HPD)	1,500	Hours	_____	_____
0005BY	UXO TECHNICIAN III (8% HPD)	3,000	Hours	_____	_____
0005BZ	UXO TECHNICIAN III (CEA)	365	Hours	_____	_____
0005CA	UXO TECHNICIAN III (CEA O/T)	365	Hours	_____	_____
0005CB	UXO TECHNICIAN III CEA w/HPD	1,256	Hours	_____	_____
0005CC	UXO TECHNICIAN III CEA O/T w/HPD	932	Hours	_____	_____
0005CD	GEOPHYSICIST - PROJECT	600	Hours	_____	_____
0005CE	PROGRAM MANAGER	78	Hours	_____	_____
0005CF	PROGRAM MANAGER (CEA)	270	Hours	_____	_____
0005CG	PROGRAM MANAGER (CEA O/T)	216	Hours	_____	_____
0005CH	WORD PROCESSOR	600	Hours	_____	_____
0005CI	UXO QUALITY CONTROL SPECIALIST	60	Hours	_____	_____
0005CJ	UXO QUALITY CONTROL SPECIALIST (4% HPD)	30	Hours	_____	_____
0005CK	UXO QUALITY CONTROL SPECIALIST (8% HPD)	600	Hours	_____	_____
0005CL	UXO QUALITY CONTROL SPECIALIST (CEA)	122	Hours	_____	_____
0005CM	UXO QUALITY CONTROL SPECIALIST (CEA O/T)	122	Hours	_____	_____
0005CN	UXO QUALITY CONTROL SPECIALIST CEA w/HPD	419	Hours	_____	_____
0005CO	UXO QUALITY	311	Hours	_____	_____

	CONTROL SPECIALIST CEA O/T w/HPD				
0005CP	UXO SAFETY OFFICER	60	Hours		
0005CQ	UXO SAFETY OFFICER (4% HPD)	30	Hours		
0005CR	UXO SAFETY OFFICER (8% HPD)	600	Hours		
0005CS	UXO SAFETY OFFICER (CEA)	243	Hours		
0005CT	UXO SAFETY OFFICER (CEA O/T)	243	Hours		
0005CU	UXO SAFETY OFFICER CEA w/HPD	837	Hours		
0005CV	UXO SAFETY OFFICER CEA O/T w/HPD	621	Hours		
0005CW	UXO SWEEP PERSONNEL	1,800	Hours		
0005CX	SENIOR ENGINEER	150	Hours		
0005CY	SENIOR ENGINEER (CEA)	540	Hours		
0005CZ	STAFF ENGINEER	300	Hours		
0005DA	JUNIOR ENGINEER	300	Hours		
0005DB	SITE GEOPHYSICIST	600	Hours		
0005DC	SITE PROJECT MANAGER	600	Hours		
0005DD	SITE PROJECT MANAGER (CEA)	540	Hours		
0005DE	SITE PROJECT MANAGER (CEA O/T)	432	Hours		
0005DF	SECURITY MANAGER (CEA)	729	Hours		
0005DG	SECURITY MANAGER (CEA O/T)	583	Hours		
0005DH	ASSISTANT SECURITY MANAGER (CEA)	1,080	Hours		

0005DI	ASSISTANT SECURITY MANAGER (CEA O/T)	864	Hours	_____	_____
0005DJ	SECURITY GUARD (CEA Local Hire)	48,600	Hours	_____	_____
0005DK	SENIOR INTERPRETER (CEA)	270	Hours	_____	_____
0005DL	SENIOR INTERPRETER (CEA O/T)	216	Hours	_____	_____
0005DM	INTERPRETER (CEA)	1,944	Hours	_____	_____
0005DN	INTERPRETER(CEA) (Logistics)	972	Hours	_____	_____
0005DO	LOGISTICS MANAGER (CEA)	540	Hours	_____	_____
0005DP	LOGISTICS MANAGER (CEA O/T)	432	Hours	_____	_____
0005DQ	DATA SPECIALIST (CEA)	540	Hours	_____	_____
0005DR	DATA SPECIALIST (CEA O/T)	432	Hours	_____	_____
0005DS	PARAMEDIC (CEA)	1,080	Hours	_____	_____
0005DT	PARAMEDIC (CEA O/T)	864	Hours	_____	_____
0005DU	CEA DEPOT MANAGER (CEA)	122	Hours	_____	_____
0005DV	CEA DEPOT MANAGER (CEA O/T)	122	Hours	_____	_____
0005DW	CEA DEPOT MANAGER (CEA w/HPD)	419	Hours	_____	_____
0005DX	CEA DEPOT MANAGER CEA O/T w/HPD	311	Hours	_____	_____
0005DY	AMMUNITION QC INSPECTOR (CEA)	122	Hours	_____	_____
0005DZ	AMMUNITION QC INSPECTOR (CEA O/T)	122	Hours	_____	_____
0005EA	AMMUNITION QC INSPECTOR CEA w/HPD	419	Hours	_____	_____

0005EB	AMMUNITION QC INSPECTOR CEA O/T w/HPD	311	Hours	_____	_____
0005EC	AMMUNITION SUPERVISOR (CEA)	122	Hours	_____	_____
0005ED	AMMUNITION SUPERVISOR (CEA O/T)	122	Hours	_____	_____
0005EE	AMMUNITION SUPERVISOR CEA w/HPD	419	Hours	_____	_____
0005EF	AMMUNITION SUPERVISOR CEA O/T w/HPD	311	Hours	_____	_____
0005EG	AMMUNITION TECHNICIAN (CEA)	1,458	Hours	_____	_____
0005EH	AMMUNITION TECHNICIAN (CEA O/T)	1,458	Hours	_____	_____
0005EI	AMMUNITION TECHNICIAN CEA w/HPD	5,022	Hours	_____	_____
0005EJ	AMMUNITION TECHNICIAN CEA O/T w/HPD	3,726	Hours	_____	_____
0005EK	AMMUNITION HANDLER (CEA)	365	Hours	_____	_____
0005EL	AMMUNITION HANDLER (CEA O/T)	365	Hours	_____	_____
0005EM	AMMUNITION HANDLER CEA w/HPD	1,256	Hours	_____	_____
0005EN	AMMUNITION HANDLER CEA O/T w/HPD	932	Hours	_____	_____
0005EO	CONTRACT SPECIALIST	486	Hours	_____	_____
0005EP	BUSINESS MANAGER	486	Hours	_____	_____
0005EQ	EQUIPMENT SPECIALIST	486	Hours	_____	_____
0005ER	QUALITY MANAGER	486	Hours	_____	_____

0005ES	IT/COMMUNICATIONS MANAGER	486	Hours	_____	_____
0005ET	IT/COMMUNICATIONS SPECIALIST	486	Hours	_____	_____
0005EU	ADMIN MANAGER	486	Hours	_____	_____
0005EV	ADMIN SPECIALIST	486	Hours	_____	_____
0005EW	RESOURCE MANAGER	486	Hours	_____	_____
0005EX	FINANCE SPECIALIST	486	Hours	_____	_____

THE QUANTITIES PROVIDED BELOW WILL BE USED FOR EVALUATION PURPOSES ONLY.
CLIN 0006 BURDENED LABOR WITHOUT PROFIT (FOR USE WITH FFP ORDERS)

<u>ITEM NO</u>	<u>SUPPLIES/SERVICES</u>	<u>QUANTITY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
0006AA	MECHANIC	442	Hours	_____	_____
0006AB	MECHANIC (CEA)	5,508	Hours	_____	_____
0006AC	CERTIFIED INDUSTRIAL HYGIENIST	442	Hours	_____	_____
0006AD	SENIOR SCIENTIST	850	Hours	_____	_____
0006AE	STAFF SCIENTIST	1,700	Hours	_____	_____
0006AF	FIELD OFFICE – ADMINISTRATIVE	1,700	Hours	_____	_____
0006AG	FIELD OFFICE – ADMINISTRATIVE (CEA)	4,590	Hours	_____	_____
0006AH	FIELD OFFICE – ADMINISTRATIVE (CEA O/T)	2,448	Hours	_____	_____
0006AI	DRAFTER I	850	Hours	_____	_____
0006AJ	EMERGENCY MEDICAL TECHNICIAN	179	Hours	_____	_____
0006AK	COMPUTER PROGRAMMER	179	Hours	_____	_____
0006AL	LABORER	10,200	Hours	_____	_____
0006AM	LABORER (CEA)	220,320	Hours	_____	_____

0006AN	HEAVY EQUIPMENT OPERATOR	3,400	Hours	_____	_____
0006AO	GEOLOGIST	3,400	Hours	_____	_____
0006AP	GEOPHYSICAL INSTRUMENT OPERATOR	6,800	Hours	_____	_____
0006AQ	PROJECT MANAGER	5,100	Hours	_____	_____
0006AR	PROJECT MANAGER (CEA)	1,530	Hours	_____	_____
0006AS	PROJECT MANAGER (CEA O/T)	1,224	Hours	_____	_____
0006AT	GEOGRAPHIC INFORMATION SYSTEMS MANAGER	1,700	Hours	_____	_____
0006AU	ENGINEERING TECH I	850	Hours	_____	_____
0006AV	ENGINEERING TECH II	850	Hours	_____	_____
0006AW	INDUSTRIAL HYGIENIST	850	Hours	_____	_____
0006AX	LAB TECHNICIAN	442	Hours	_____	_____
0006AY	SECURITY GUARD	1,700	Hours	_____	_____
0006AZ	SENIOR UXO SUPERVISOR	4,080	Hours	_____	_____
0006BA	SENIOR UXO SUPERVISOR (4% HPD)	510	Hours	_____	_____
0006BB	SENIOR UXO SUPERVISOR (8% HPD)	510	Hours	_____	_____
0006BC	SENIOR UXO SUPERVISOR (CEA)	689	Hours	_____	_____
0006BD	SENIOR UXO SUPERVISOR (CEA O/T)	689	Hours	_____	_____
0006BE	SENIOR UXO SUPERVISOR CEA w/HPD	2,372	Hours	_____	_____

0006BF	SENIOR UXO SUPERVISOR CEA O/T w/HPD	1,760	Hours	_____	_____
0006BG	SURVEYOR	3,400	Hours	_____	_____
0006BH	TRUCK DRIVER	1,700	Hours	_____	_____
0006BI	UXO TECHNICIAN I	510	Hours	_____	_____
0006BJ	UXO TECHNICIAN I (4% HPD)	510	Hours	_____	_____
0006BK	UXO TECHNICIAN I (8% HPD)	9,180	Hours	_____	_____
0006BL	UXO TECHNICIAN I (CEA)	2,066	Hours	_____	_____
0006BM	UXO TECHNICIAN I (CEA O/T)	2,066	Hours	_____	_____
0006BN	UXO TECHNICIAN I CEA w/HPD	7,115	Hours	_____	_____
0006BO	UXO TECHNICIAN I CEA O/T w/HPD	5,279	Hours	_____	_____
0006BP	UXO TECHNICIAN II	8,500	Hours	_____	_____
0006BQ	UXO TECHNICIAN II (4% HPD)	8,500	Hours	_____	_____
0006BR	UXO TECHNICIAN II (8% HPD)	68,000	Hours	_____	_____
0006BS	UXO TECHNICIAN II (CEA)	6,885	Hours	_____	_____
0006BT	UXO TECHNICIAN II (CEA O/T)	6,885	Hours	_____	_____
0006BU	UXO TECHNICIAN II CEA w/HPD	23,715	Hours	_____	_____
0006BV	UXO TECHNICIAN II CEA O/T w/HPD	17,595	Hours	_____	_____
0006BW	UXO TECHNICIAN III	2,125	Hours	_____	_____
0006BX	UXO TECHNICIAN III (4% HPD)	8,500	Hours	_____	_____
0006BY	UXO TECHNICIAN III (8% HPD)	17,000	Hours	_____	_____

0006BZ	UXO TECHNICIAN III (CEA)	2,066	Hours	_____	_____
0006CA	UXO TECHNICIAN III (CEA O/T)	2,066	Hours	_____	_____
0006CB	UXO TECHNICIAN III CEA w/HPD	7,115	Hours	_____	_____
0006CC	UXO TECHNICIAN III CEA O/T w/HPD	5,279	Hours	_____	_____
0006CD	GEOPHYSICIST - PROJECT	3,400	Hours	_____	_____
0006CE	PROGRAM MANAGER	442	Hours	_____	_____
0006CF	PROGRAM MANAGER (CEA)	1,530	Hours	_____	_____
0006CG	PROGRAM MANAGER (CEA O/T)	1,224	Hours	_____	_____
0006CH	WORD PROCESSOR	3,400	Hours	_____	_____
0006CI	UXO QUALITY CONTROL SPECIALIST	340	Hours	_____	_____
0006CJ	UXO QUALITY CONTROL SPECIALIST (4% HPD)	170	Hours	_____	_____
0006CK	UXO QUALITY CONTROL SPECIALIST (8% HPD)	3,400	Hours	_____	_____
0006CL	UXO QUALITY CONTROL SPECIALIST (CEA)	689	Hours	_____	_____
0006CM	UXO QUALITY CONTROL SPECIALIST (CEA O/T)	689	Hours	_____	_____
0006CN	UXO QUALITY CONTROL SPECIALIST CEA w/HPD	2,372	Hours	_____	_____
0006CO	UXO QUALITY CONTROL SPECIALIST CEA O/T w/HPD	1,760	Hours	_____	_____
0006CP	UXO SAFETY OFFICER	340	Hours	_____	_____
0006CQ	UXO SAFETY OFFICER	170	Hours	_____	_____

(4% HPD)

0006CR	UXO SAFETY OFFICER (8% HPD)	3,400	Hours	_____	_____
0006CS	UXO SAFETY OFFICER (CEA)	1,377	Hours	_____	_____
0006CT	UXO SAFETY OFFICER (CEA O/T)	1,377	Hours	_____	_____
0006CU	UXO SAFETY OFFICER CEA w/HPD	4,743	Hours	_____	_____
0006CV	UXO SAFETY OFFICER CEA O/T w/HPD	3,519	Hours	_____	_____
0006CW	UXO SWEEP PERSONNEL	10,200	Hours	_____	_____
0006CX	SENIOR ENGINEER	850	Hours	_____	_____
0006CY	SENIOR ENGINEER (CEA)	3,060	Hours	_____	_____
0006CZ	STAFF ENGINEER	1,700	Hours	_____	_____
0006DA	JUNIOR ENGINEER	1,700	Hours	_____	_____
0006DB	SITE GEOPHYSICIST	3,400	Hours	_____	_____
0006DC	SITE PROJECT MANAGER	3,400	Hours	_____	_____
0006DD	SITE PROJECT MANAGER (CEA)	3,060	Hours	_____	_____
0006DE	SITE PROJECT MANAGER (CEA O/T)	2,448	Hours	_____	_____
0006DF	SECURITY MANAGER (CEA)	4,131	Hours	_____	_____
0006DG	SECURITY MANAGER (CEA O/T)	3,305	Hours	_____	_____
0006DH	ASSISTANT SECURITY MANAGER (CEA)	6,120	Hours	_____	_____
0006DI	ASSISTANT SECURITY MANAGER (CEA O/T)	4,896	Hours	_____	_____
0006DJ	SECURITY GUARD (CEA Local Hire)	275,400	Hours	_____	_____

0006DK	SENIOR INTERPRETER (CEA)	1,530	Hours		
0006DL	SENIOR INTERPRETER (CEA O/T)	1,224	Hours		
0006DM	INTERPRETER (CEA)	11,016	Hours		
0006DN	INTERPRETER(CEA) (Logistics)	5,508	Hours		
0006DO	LOGISTICS MANAGER	3,060	Hours		
0006DP	LOGISTICS MANAGER (CEA O/T)	2,448	Hours		
0006DQ	DATA SPECIALIST	3,060	Hours		
0006DR	DATA SPECIALIST (CEA O/T)	2,448	Hours		
0006DS	PARAMEDIC (CEA)	6,120	Hours		
0006DT	PARAMEDIC (CEA O/T)	4,896	Hours		
0006DU	CEA DEPOT MANAGER (CEA)	689	Hours		
0006DV	CEA DEPOT MANAGER (CEA O/T)	689	Hours		
0006DW	CEA DEPOT MANAGER (CEA w/HPD)	2,372	Hours		
0006DX	CEA DEPOT MANAGER CEA (O/T w/HPD)	1,760	Hours		
0006DY	AMMUNITION QC INSPECTOR (CEA)	689	Hours		
0006DZ	AMMUNITION QC INSPECTOR (CEA O/T)	689	Hours		
0006EA	AMMUNITION QC INSPECTOR (CEA w/HPD)	2,372	Hours		
0006EB	AMMUNITION QC INSPECTOR (CEA O/T w/HPD)	1,760	Hours		
0006EC	AMMUNITION SUPERVISOR (CEA)	689	Hours		

0006ED	AMMUNITION SUPERVISOR (CEA O/T)	689	Hours	_____	_____
0006EE	AMMUNITION SUPERVISOR CEA w/HPD	2,372	Hours	_____	_____
0006EF	AMMUNITION SUPERVISOR (CEA O/T w/HPD)	1,760	Hours	_____	_____
0006EG	AMMUNITION TECHNICIAN (CEA)	8,262	Hours	_____	_____
0006EH	AMMUNITION TECHNICIAN (CEA O/T)	8,262	Hours	_____	_____
0006EI	AMMUNITION TECHNICIAN (CEA w/HPD)	28,458	Hours	_____	_____
0006EJ	AMMUNITION TECHNICIAN (CEA O/T w/HPD)	21,114	Hours	_____	_____
0006EK	AMMUNITION HANDLER (CEA)	2,066	Hours	_____	_____
0006EL	AMMUNITION HANDLER (CEA O/T)	2,066	Hours	_____	_____
0006EM	AMMUNITION HANDLER (CEA w/HPD)	7,115	Hours	_____	_____
0006EN	AMMUNITION HANDLER (CEA O/T w/HPD)	5,279	Hours	_____	_____
0006EO	CONTRACT SPECIALIST	2,754	Hours	_____	_____
0006EP	BUSINESS MANAGER	2,754	Hours	_____	_____
0006EQ	EQUIPMENT SPECIALIST	2,754	Hours	_____	_____
0006ER	QUALITY MANAGER	2,754	Hours	_____	_____
0006ES	IT/COMMUNICATIONS MANAGER	2,754	Hours	_____	_____
0006ET	IT/COMMUNICATIONS SPECIALIST	2,754	Hours	_____	_____

0006EU	ADMIN MANAGER	2,754	Hours	<hr/>	<hr/>
0006EV	ADMIN SPECIALIST	2,754	Hours	<hr/>	<hr/>
0006EW	RESOURCE MANAGER	2,754	Hours	<hr/>	<hr/>
0006EX	FINANCE SPECIALIST	2,754	Hours	<hr/>	<hr/>

SECTION C - DESCRIPTIONS AND SPECIFICATIONS

The following have been modified:

DESCRIPTION/WORK STATEMENT

SECTION C

DESCRIPTION/WORK STATEMENT

MUNITIONS RESPONSE AND OTHER MUNITIONS RELATED SERVICES
AT SITES IN CONUS AND OCONUS

1.0 OBJECTIVE.

1.1 The contractor shall perform conventional and Recovered Chemical Warfare Materiel (RCWM) Munitions Responses and other munitions related services to include site investigations or inspections, remedial investigations, engineering evaluations, remedial or removal actions, long term management (LTM), Munitions and Explosives of Concern (MEC) or other munitions related operations, range clearance, demining operations, booby trap clearances, disablement of unconventional warfare explosive devices, site security, logistical life support and engineering management, and instructional capabilities support, as necessary, to permit lands and waters to be safely and efficiently used for their intended purpose.

1.2 MEC and other munitions are a safety hazard and may constitute an imminent and substantial danger to site personnel and the local populace. The contractor shall safely locate, identify, recover, evaluate, manage and make final disposition of MEC and other munitions at various currently and formerly used defense sites, property adjoining currently and formerly used defense sites, and other federally controlled/owned sites which have been potentially impacted by MEC or other munitions related operations. This contract will be used to support the US Army's Captured Enemy Ammunition (CEA) mission in Iraq. Other munitions related activities for foreign governments/agencies, where sponsored by an appropriate US Government Agency, may be required under this contract.

1.3 Munitions Responses and other munitions related services may occur at sites located in the lands and waters of Continental United States (CONUS) and Outside Continental United States (OCONUS).

2.0 GENERAL. For the purposes of this contract, the terms "Munitions Response", "MEC operations", "Munitions Response activities", and "Munitions Response Sites (MRS)" generally apply to work performed under the Military Munitions Response Program (MMRP); The terms "other munitions related services", "other munitions related operations", "other munitions related activities", and "other munitions related sites" generally apply to work other than MMRP.

2.1 This acquisition requires integrated approaches to perform all aspects of Munitions Responses and other munitions related services to include site investigations or inspections, remedial investigations, engineering evaluations, removal or remedial actions, LTM, MEC or other munitions related operations, range clearance, demining operations, booby trap clearances, disablement of unconventional warfare explosive devices, site security, logistical life support and engineering management, and instructional capabilities support. Specific services and task activities are listed in paragraph 4. The Contractor shall perform this work in accordance with all applicable laws and regulations.

2.2 Programmatic Studies. The contractor may be required to perform programmatic studies and prepare documentation in support of DoD's Munitions Response or other munitions related management activities.

2.3 Hazardous, Toxic, and Radioactive Waste (HTRW), Munitions Constituents (MC), and RCWM at MRS or other munitions related sites. During Munitions Responses or other munitions related operations, the contractor may encounter HTRW material, MC, or RCWM. In such situations, the following shall apply:

2.3.1 HTRW, MC, or RCWM may be in munitions, containers, landfills, Open Burning/Open Detonation (OB/OD) areas, ground spills, surface water, or groundwater. If suspected HTRW or MC of unknown origin and nature is encountered, the contractor shall immediately notify the U. S. Army Engineering and Support Center, Huntsville (USAESCH) OE Design Center. The contractor shall take necessary actions to protect the safety of its workforce, the public, and the environment.

2.3.2 During conventional MEC or other munitions related operations, if the contractor identifies or suspects CWM, the contractor shall immediately withdraw upwind from the work area and notify the appropriate personnel as identified in each Task Order. The contractor shall secure the area and locate two Unexploded Ordnance (UXO) Technicians at level II or above upwind of the suspect CWM to secure the site until relieved by the Technical Escort Unit (TEU) or Explosive Ordnance Disposal (EOD) personnel.

2.4 Permits. The contractor shall obtain the permits and licenses necessary to conduct his/her operations including, but not necessarily limited to, building permits, licenses to purchase explosives, and Department of Transportation (DOT) permits for transport of MEC, MC, and HTRW on public highways.

2.5 Laboratory Capabilities.

2.5.1 The contractor shall use a U.S. Army Corps of Engineers (USACE) validated laboratory for explosives, MC, and HTRW characterization. The Government may permit an on-site laboratory if needed. Validation shall be obtained from (The Government will request validation services as required on the appropriate HTRW Center of Expertise (CX) form.):

U.S. Army Corps of Engineers
ATTN: Laboratory Validation Coordinator
HTRW Center of Expertise
12565 West Center Road
Omaha, NE 68144-3869
Phone: 402-697-2574

2.5.2 The contractor shall use a certified DA Chemical Surety Material (CSM) laboratory capable of analyzing samples suspected of chemical agent contamination. In addition, at the discretion of the Contracting Officer (CO), a certified mobile laboratory may be required. A list of certified laboratories may be obtained from:

Director, U.S. Army Edgewood Chemical & Biological Center
ATTN: ATTN: AMSSB-RCB-RS
Aberdeen Proving Ground, MD 21010-5423
Phone: 410-436-2051

2.6 All work under this contract shall be in accordance with the applicable publications specified in Sections 7.0 and 9.0 of this Statement of Work (SOW).

2.7 Safety and Health Program. The contractor shall develop and implement a written Safety and Health Program in accordance with guidelines specified in Data Item Description (DID) MR-005-06 for conventional Munitions Response or other munitions related projects and DID MR-005-15 for RCWM projects. The contractor shall ensure that its subcontractors, suppliers, and support personnel follow all safety and health provisions established in the approved Accident Prevention Plan (APP) for the site. A Site Safety and Health Plan (SSHP) shall be included in the APP as an Attachment. The Government reserves the right to stop work under this contract for any violations at no additional cost. The Government will verify that corrective action has been implemented prior to the contractor continuing performance under the contract.

2.7.1 All personnel performing onsite activities shall participate in an ongoing medical surveillance program meeting the requirements of 29 CFR 1910.120. The medical examination protocols and results shall be overseen by

a licensed physician who is certified in Occupational Medicine by the American Board of Preventive Medicine, or who by necessary training and experience is board eligible.

2.7.2 A written Personal Protective Equipment (PPE) program IAW 29CFR1910.120 (g)(5)/29 CFR 1926.65 (g)(5) and the respiratory protection requirements of 29 CFR 1910.134 are required. When working with radioactive material, the respiratory protection requirements of 10 CFR 20 must be met.

2.7.3 Radiation Dosimetry. All employees working within a radiologically restricted area shall receive appropriate dosimetry monitoring for radiation exposure in accordance with EM 385-1-1.

2.8 Quality Management. The contractor is responsible for the control of product quality and for offering to the Government for acceptance only those products/services that conform to the contractual requirements. Site specific quality control plans shall be prepared in accordance with DID MR-005-11.

2.9 Project Management. The contractor shall execute each task under the direction of a Project Manager (PM), meeting the qualification requirements of paragraph 5.5.1, who shall ensure that all work is accomplished with adequate internal controls. The contractor will identify the PM and the PM's qualifications with the submittal of its proposal for the Task Order to be issued. The PM shall serve as the contractor's single point of contact (POC) for the Task Order. The PM shall implement procedures to eliminate conflicts, errors, and omissions and ensure the accuracy of all output. The PM shall maintain close communication and coordination with the USAESCH for the duration of the project, including monthly/weekly progress and cost reporting.

2.10 Program Management. The Contractor shall designate a Program Manager, meeting the requirements of "Project Manager" in accordance with paragraph 5.5.1, for the overall contract who provides a single POC for the CO, provides programmatic reporting to USAESCH, and who can address overall management and contracting issues. The contractor shall submit a programmatic Monthly Status Report each month for the duration of the contract in accordance with DD Form 1423 and containing the information described in DID MR-080.

2.11 Overseas Response. The Contractor shall maintain current passports for the following: key personnel, one UXO team of maximum size, and one geophysical mapping team. The CO may identify additional requirements for overseas travel on a site-specific basis.

3.0 DEFINITIONS

3.1 Anomaly. A subsurface feature detected by a geophysical instrument.

3.2 Chemical Agent. A chemical agent listed in AR 50-6 that is intended for use in military operations to kill, seriously injure, or incapacitate a person through its physiological properties. Excluded from consideration are industrial chemicals, riot control agents, chemical herbicides, smoke, and flame.

3.3 Chemical Warfare Materiel (CWM). An item configured as a munition containing a chemical agent that is intended to kill, seriously injure, or incapacitate a person through its physiological effects. Also includes V- and G-series nerve agent, H-series blister agent, and lewisite in other than munition configurations. Due to their hazards, prevalence, and military-unique application, chemical agent identification sets (CAIS) are also considered chemical warfare materiel. Chemical warfare materiel does not include riot control agents; chemical herbicides; smoke and flame producing items, regardless of configuration; or soil, water, debris, or other media contaminated with chemical agent.

3.4 Discrimination. Geophysical analysis that differentiates and separates target anomalies from other anomalies.

3.5 Discarded Military Munitions (DMM). Military munitions that have been abandoned without proper disposal or removed from storage in a military magazine or other storage area for the purpose of disposal. The term does not include unexploded ordnance, military munitions that are being held for future use or planned disposal, or military munitions that have been properly disposed of consistent with applicable environmental laws and regulations. (10 U.S.C. 2710(e)(2))

3.6 Explosive Ordnance Disposal (EOD) Personnel. Active duty military EOD personnel.

3.7 False Positive. An anomaly that cannot be reacquired. In a discrimination context, an anomaly that is not what it was thought to be.

3.8 Geographic Information Systems (GIS). A combination of computer hardware and software that supports the acquisition, management, analysis, and visualization of spatially referenced data for solving complex planning and management problems.

3.9 Hazardous, Toxic, or Radioactive Waste (HTRW). Waste or media (i.e. air, water, soil, etc.) contaminated with chemical agent or other chemicals or compounds that have been determined to be harmful to human health and the environment and are regulated by Federal and State law.

3.10 Inert Ordnance. Inert ordnance is an item which has functioned as designed leaving an inert carrier or an item manufactured inert to serve a specific training purpose.

3.11 Innovative Technology. 1) A technology which is significantly better, cheaper, or faster than existing technologies, that is not broadly applied due to limited knowledge or established standards within the engineering community. 2) A technology, which is not commercially available from one or more vendors which has the potential to be better, cheaper, or faster than existing technologies. This may include technologies that have been extensively field demonstrated, but have not been applied on a full-scale project. Innovative technologies must maintain public and worker safety.

3.12 Life Cycle Data Management. A "cradle-to-grave" process of creating, maintaining, storing, and archiving data over the life of a project such that the data is current (up-to-date) and available.

3.13 Long Term Management (LTM). Term used for environmental monitoring, review of site conditions, and/or maintenance of a remedial action to ensure continued protection as designed once a site achieves Response Complete. Examples of LTM include landfill cap maintenance, leachate disposal, fence monitoring and repair, five-year review execution, and land use control enforcement actions.

3.14 Material Potentially Presenting an Explosive Hazard (MPPEH). Material potentially containing explosives or munitions (e.g., munitions containers and packaging material; munitions debris remaining after munitions use, demilitarization, or disposal; and range-related debris); or material potentially contaminated with a high enough concentration of explosives such that the material presents an explosive hazard (e.g., equipment, drainage systems, holding tanks, piping, ventilation ducts) associated with munitions production, demilitarization or disposal operations. Excluded from MPPEH are munitions within DoD's established munitions management system and other hazardous items that may present explosion hazards (e.g., gasoline cans, compressed gas cylinders) that are not munitions and are not intended for use as munitions.

3.15 Military Munitions. All ammunition products and components produced for or used by the armed forces for national defense and security, including ammunition products or components under the control of the Department of Defense, the Coast Guard, the Department of Energy (DOE), and the National Guard. The term includes: confined gaseous, liquid, and solid propellants, explosives, pyrotechnics, chemical and riot control agents, smokes, and incendiaries, including bulk explosives and chemical warfare agents, chemical munitions, rockets, guided and ballistic missiles, bombs, warheads, mortar rounds, artillery ammunition, small arms ammunition, grenades, mines, torpedoes, depth charges, cluster munitions and dispensers, demolition charges, and devices and components thereof. The term does not include wholly inert items, improvised explosive devices, and nuclear weapons, nuclear devices, and nuclear components, except that the term does include non-nuclear components of nuclear devices that are managed under the nuclear weapons program of the Department of Energy after all required sanitization operations under the Atomic Energy Act of 1954 (42 U.S.C. 2011, et seq.) have been completed. (10 U.S.C. 2710(e)(3)(A))

3.16 Military Range. Designated land and water areas set aside, managed, and used to conduct research on, develop, test, and evaluate military munitions and explosives, other ordnance, or weapon systems, or to train

military personnel in their use and handling. Ranges include firing lines and positions, maneuver areas, firing lanes, test pads, detonation pads, impact areas, and buffer zones with restricted access and exclusionary areas. (Military Munitions Rule, 40 CFR 266.201)

3.17 Munitions and Explosives of Concern (MEC). This term, which distinguishes specific categories of military munitions that may pose unique explosives safety risks, means: (a) Unexploded Ordnance (UXO), as defined in 10 U.S.C. 2710(e)(9); (b) Discarded military munitions (DMM), as defined in 10 U.S.C. 2710 (e)(2); or (c) Munitions constituents (e.g., TNT, RDX) present in high enough concentrations to pose an explosive hazard.

3.18 Munitions Constituents (MC). Any materials originating from unexploded ordnance, discarded military munitions, or other military munitions, including explosive and nonexplosive materials, and emission, degradation, or breakdown elements of such ordnance or munitions. (10 U.S.C. 2710(e)(4))

3.19 Munitions Debris. Remnants of munitions (e.g., penetrators, projectiles, shell casings, links, fins) remaining after munitions use, demilitarization, disposal. Munitions debris is considered MPPEH until technically-qualified personnel: (1) inspect, verify, and certify that it does not present an explosive hazard, and consequently is safe for all (e.g., the general public) to receive; or (2) inspect, verify, and certify it as to the explosive hazards it may present to a qualified receiver.

3.20 Munitions Response. Response actions, including investigation, removal and remedial actions to address the explosives safety, human health, or environmental risks presented by UXO, DMM, or MC.

3.21 Munitions Response Area (MRA). Any area on a defense site that is known or suspected to contain UXO, DMM, or MC. Examples include former ranges and munitions burial areas. A MRA is comprised of one or more MRSSs.

3.22 Munitions Response Site (MRS). A discrete location within a MRA that is known to require a Munitions Response.

3.23 Operational Range. A military range that is used for range activities, or a military range that is not currently being used, but that is still considered by the DoD Component to be a range area; is under the jurisdiction, custody, or control of the DoD; and has not been put to a new use that is incompatible with range activities. (10 U.S.C. 2710(e)(5)).

3.24 Quality Control (QC). The contractor's system to manage, control, and document his/her activities to comply with the contract requirements.

3.25 Quality Assurance (QA). The procedures by which the Government fulfills its responsibility to be certain that QC is functioning and the specified product is realized.

3.26 Range Clearance. The recovery, collection, and on-range destruction of military munitions (e.g., UXO), munitions debris, and other range-related debris (e.g., targets) on operational ranges to maintain or enhance operational safety or to allow the continued use of the range for its intended purpose. The term "range clearance" does not include the on-range disposal or burial of UXO and MC, when the burial is not a result of normal use.

3.27 Range-Related Debris. Debris, other than munitions debris, collected from operational ranges or from former ranges (e.g., targets). Range-related debris is considered MPPEH until technically-qualified personnel: (1) inspect, verify, and certify that it does not present an explosive hazard, and consequently is safe for all (e.g., the general public) to receive; or (2) inspect, verify, and certify it as to the explosive hazards it may present to a qualified receiver.

3.28 Recurring Reviews. Recurring Reviews are conducted to determine if a response action continues to minimize explosives safety risks and continues to be protective of human health, safety, and the environment. Recurring Reviews are conducted as part of LTM.

3.29 Target Anomaly. An anomaly which has a high probability to be a MEC item based on its apparent size, composition, depth, location, and geophysical signature.

3.30 Unexploded Ordnance (UXO). Military munitions that (a) have been primed, fuzed, armed, or otherwise prepared for action; (b) have been fired, dropped, launched, projected, or placed in such a manner as to constitute a hazard to operations, installations, personnel, or material; and (3) remain unexploded either by malfunction, design, or any other cause. (10 U.S.C. 2710(e)(9))

3.31 UXO Personnel. Personnel meeting the qualification requirements for filling the UXO positions listed in paragraph 5.4.

4.0 SPECIFIC SERVICES

4.1 Task Orders. For each Task Order under this contract, the Government will provide a specific SOW describing the work required, performance metrics, schedule, types and numbers of submittals, and places for review. The contractor shall, upon receipt of an order, supply all personnel, tools, equipment, communications, transportation, materials and supervision (except as otherwise noted) to integrate, manage, and execute all specified aspects of the Task Order.

4.2 Site Visit. A site visit may be authorized by the CO to assist in the preparation of the initial Work Plan (WP) for field activities. An Abbreviated Site Safety and Health Plan (ASSHP) shall be prepared by the contractor and submitted to USAESCH for approval prior to the site visit. The format of the ASSHP shall be as shown in EP-1110-1-18, Ordnance and Explosives Response. No intrusive activities shall be conducted during the site visit.

4.3 Work Plan. The contractor shall prepare and submit, for CO approval, a WP in accordance with DD Form 1423 and DID MR-001 or MR-005-01, as appropriate, describing how the required effort will be accomplished. Work Plans for CEA Operations may require a Security Plan as specified in the Task Order. The contractor may not mobilize to the site or begin working until the CO has approved the WP, and a Notice to Proceed (NTP) issued. The WP may contain the following sub-plans that shall be identified on a Task Order basis:

Data Item Description	Effective Date	Description
MR-005-02	See Table 7-1	Technical Management Plan
MR-005-03	See Table 7-1	Explosives Management Plan
MR-005-04	See Table 7-1	Explosives Siting Plan
MR-005-05	See Table 7-1	Geophysical Investigation Plan
MR-005-05A	See Table 7-1	Geophysical Prove-Out (GPO) Plan and Report
MR-005-06	See Table 7-1	Accident Prevention Plan
MR-005-07	See Table 7-1	Geospatial Information and Electronic Submittals
MR-005-08	See Table 7-1	Work, Data, and Cost Management Plan
MR-005-09	See Table 7-1	Property Management Plan
MR-005-10	See Table 7-1	Munitions Constituents Chemical Data Quality Deliverables
MR-005-11	See Table 7-1	Quality Control Plan
MR-005-12	See Table 7-1	Environmental Protection Plan
MR-005-13	See Table 7-1	Investigation Derived Waste Plan
MR-005-15	See Table 7-1	Accident Prevention Plan for RCWM Projects
MR-005-16	See Table 7-1	Interim Holding Facility Siting Plan for RCWM Projects
MR-005-17	See Table 7-1	Physical Security Plan for RCWM Project Sites

4.4 Not Used

4.5 Task Activities. Typical activities under Task Orders to this contract may include, but are not limited to:

- 4.5.1 Air Monitoring. Conduct on-site work area and site perimeter real-time air monitoring for HTRW, MC, and CWM for worker protection.
- 4.5.2 Anomaly Avoidance. Provide support to field operations as necessary to avoid buried anomalies and surface munitions.
- 4.5.3 Anomaly Discrimination. Analyze geophysical data to identify and locate target anomalies using innovative and/or traditional methodologies and applications.
- 4.5.4 Anomaly Investigation. Excavate and evaluate target anomalies to determine their identify, size, composition, depth, location and condition.
- 4.5.5 Blast-Effects Analysis. Perform analyses of the effects of the overpressure, heat, fragmentation, and related factors resulting from detonations of MEC or other munitions and determine effective mitigation measures.
- 4.5.6 Chemical Sampling and Analysis. Perform chemical sampling and analyses (both on-site and off-site) for MC, CWM, HTRW, and other target compound list chemicals as required. Samples may be taken and analyzed for the parameters identified in each task order.
- 4.5.7 Construction Support. Provide support at construction sites to ensure safety of construction personnel.
- 4.5.8 Cost Analysis. Perform cost analyses for various response alternatives, MMR Program (MMRP) activities, or other munitions related activities.
- 4.5.9 Engineering Evaluations. Perform engineering evaluations of various response alternatives, MMRP activities, or other munitions related activities.
- 4.5.10 Field Reconnaissance. Verify or substantiate past usage of specific areas as well as presence of MEC or other munitions by conducting field reconnaissance.
- 4.5.11 Feasibility Studies. Perform feasibility studies for various response alternatives or other MMRP activities.
- 4.5.12 Footprint Reduction. Perform reduction of MRAs or other munitions related areas using various historical data analysis, remote sensing, and field reconnaissance methodologies as determined to be applicable.
- 4.5.13 Geographic Information System. Develop Geographic Information System (GIS) databases; create and manage a computerized GIS.
- 4.5.14 Geophysical Mapping. Perform digital and analog geophysical surveys using instruments capable of detecting and locating target anomalies, disturbed areas, and underground utilities.
- 4.5.15 Historical Data Analysis. Analyze historical information such as photographs, records, and documents to identify MRAs or other munitions related areas.
- 4.5.16 Innovative Technology. Investigate, develop, demonstrate, validate, and apply innovative technology tools, techniques, methodologies, and equipment that could assist in identifying areas of interest, characterization of a site, and anomaly selection, identification, and discrimination.
- 4.5.17 Institutional Analysis. Identify and evaluate the local regulatory, demographic, and related factors that may affect, or be affected by the use and management of real property potentially containing MEC or other munitions.
- 4.5.18 Instructional Support. Support the USAESCH in providing instruction regarding Munitions Response or other munitions related activities.

4.5.19 Logistical Life Support and Engineering Management. Provide equipment, life support (e.g., food services, lodging, transportation), and other services to sustain field operations.

4.5.20 Long Term Management (LTM). Perform LTM activities to include Recurring Reviews.

4.5.21 MEC or other munitions related operations. Provide the necessary personnel and equipment to locate, gain access, identify, recover, store, and if directed, apply final disposal/destruction/ treatment procedures to all MEC, MC, HTRW, RCWM, and other munitions. The procedures used during Munitions Response actions and other munitions related operations shall comply with those contained in Engineering Pamphlet EP 385-1-95a, Basic Safety Concepts and Considerations for Ordnance and Explosives Operations and the approved WP. If burning/detonating operations cannot be conducted on-site, the contractor shall pack and transport all MEC and/or MPPEH to an approved storage or disposal area. Transportation of MEC and/or MPPEH shall be in accordance with all applicable Federal, State, and local laws and regulations, including TB 700-2, Paragraph 1-9. If MEC or other munitions are encountered that cannot be moved due to its condition and the location prevents disposal in place, then the onsite USACE OE Safety Specialist or Range Control shall be notified.

4.5.22 Programmatic Studies and Documentation. Prepare programmatic studies, documentation, and technical guidance in support of USAESCH's management activities.

4.5.23 Public Involvement. Assist in responsiveness summaries, public meetings, restoration advisory boards, community restoration planning, administrative record establishment and maintenance, and other stakeholder forums that facilitate public involvement.

4.5.24 Range Clearance/Maintenance. Provide support at operational ranges as necessary to clear military munitions, munitions debris, and other range-related debris.

4.5.25 Remote Sensing. Perform collection and/or analysis of remote sensing data in order to determine MRAs or other munitions related areas.

4.5.26 Risk Assessment. Perform quantitative and/or qualitative risk assessments and/or impact analyses to support Munitions Responses or other munitions related activities.

4.5.27 Remedial Investigations. Perform remedial investigations to support Munitions Responses or other munitions related activities.

4.5.28 Site Inspections. Perform site inspections to support Munitions Responses or other munitions related activities.

4.5.29 Support Facilities. Install and operate support facilities (i.e., site project office, command post, decontamination facilities, roads, and utilities) and establish exclusion, contamination reduction, and support zones. The site project office shall include space for a Government representative. The contractor shall locate staging and demolition areas, subject to Government approval.

4.5.30 Surveying. Provide location surveys and mapping to support Munitions Responses or other munitions related activities.

4.5.31 Support to Other DoD and Federal Agencies. Provide MEC or other munitions related investigations, evaluations, and response assistance on an as-needed basis to other DoD and Federal Agencies. Perform other munitions related work for foreign governments/agencies, where appropriately sponsored by DoD or other Federal Agency.

4.5.32 Technical Project Planning. Participate in meetings with DoD personnel, regulatory agencies, restoration advisory boards, and other stakeholders to determine appropriate approaches to project implementation.

4.6 Site Security. The contractor shall provide site physical security (e.g., fencing or guard service) as required by each individual Task Order. At a minimum, the contractor shall maintain all areas to minimize the risk of injury or

accident. Special consideration shall be given to site security/safety needs near residential areas where there may be children. When working at BRAC or active installations, there may be additional, installations-specific, security requirements that shall be followed.

4.7 Presentations and Meetings. The frequency and locations of presentations and meetings will be identified in each Task Order.

4.8 Contract Deliverables. The following contract deliverables shall be submitted as required by individual Task Orders:

DID Number	Effective Date	Description
MR-001	See Table 7-1	Type I Work Plan
MR-005-01	See Table 7-1	Type II Work Plan
MR-010	See Table 7-1	Engineering Evaluation/Cost Analysis Report
MR-015	See Table 7-1	Accident/Incident Reports
MR-025	See Table 7-1	Personnel Resume
MR-030	See Table 7-1	Site Specific Final Report
MR-045	See Table 7-1	Report/Minutes, Record of Meeting
MR-055	See Table 7-1	Telephone Conversation/ Correspondence Record
MR-060	See Table 7-1	Conventional Explosives Safety Submission (ESS)
MR-070	See Table 7-1	Recovered Chemical Warfare Materiel Safety Submission (CSS)
MR-080	See Table 7-1	Monthly Status Report
MR-085	See Table 7-1	Project Status Report
MR-100	See Table 7-1	Institutional Analysis and Institutional Control Plan
MR-110	See Table 7-1	Recurring Review Plan
MR-120	See Table 7-1	Historical Information

4.11 Logs, Reports, and Record keeping. The contractor shall maintain safety inspection reports, accident/incident reports, medical certifications, training logs, monitoring results, QC records, etc. The contractor shall maintain all exposure and medical monitoring records in accordance with OSHA Standard 29 CFR 1910 and 1926.

4.12 Review Comments. The Government will review each contract deliverable as required by the individual Task Order and provide comments to the contractor. The contractor shall provide written responses to all comments and incorporate comments as appropriate.

5.0 PERSONNEL QUALIFICATIONS.

5.1 The qualifications of site personnel shall be as listed below for those categories that are included in the CLIN structure. The contractor shall provide to the Government the qualifications and minimum experience of all labor categories used to accomplish the work effort. The contractor shall document and submit the qualifications of the key personnel and personnel filling core labor categories proposed to work on a Munitions Response or other munitions related project in a Personnel Resume formatted per DID MR-025. The Contractor shall certify in writing to the CO that UXO personnel scheduled to fill the positions of Senior UXO Supervisor (SUXOS), UXO Safety Officer (UXOSO), and UXO Quality Control Specialist (UXOQCS) are fully qualified to fill those positions. Also, the contractor shall certify in writing to the CO that all personnel scheduled to fill UXO positions, except UXO Sweep Personnel, are in full compliance with 18 U.S.C. 842. Federal employees, military or civilian, shall not be employed by the contractor in performance of any work under the contract; i.e., during off duty hours, regular hours, or while on annual leave.

5.2 Prior to working under this contract all key personnel and UXO personnel shall be approved by the CO or his/her designated representative.

5.3 The above submittals shall include the legal residence (county and state), for each key personnel and UXO personnel.

5.4 Unexploded Ordnance (UXO) Personnel, General.

5.4.1 UXO personnel, assigned to positions UXO Technician I, UXO Technician II, UXO Technician III, UXO Safety Officer, UXO Quality Control Specialist, and Senior UXO Supervisor, shall be U.S. citizens and graduates of one of the following schools or courses (Exceptions to this requirement are listed in paragraph 5.4.5 below.):

- a. U.S. Army Bomb Disposal School, Aberdeen Proving Ground, MD;
- b. U.S. Naval EOD School;
- c. EOD Assistants Course, Redstone Arsenal, AL; EOD Assistants Course, Eglin Air Force Base, FL; or, a DoD certified equivalent course.

5.4.2 The term "UXO Qualified Personnel" applies only to personnel meeting the requirements for the positions of UXO Technician II, UXO Technician III, UXO Safety Officer, UXO Quality Control Specialist, and Senior UXO Supervisor.

5.4.3 UXO Experience. UXO personnel may get credit for experience under the two following conditions. Experience will be granted for assignment to a military active duty EOD position and/or for a contractor position designated in the Service Contract Act, Directory Of Occupations as a UXO Technician.

5.4.4 EOD experience in National Guard or Reserve Units will be based on the actual documented time spent on active duty, not on the total time of service.

5.4.5 Exception to U.S. Citizenship Requirement. The contractor may hire non-U.S. citizens to fill UXO personnel positions provided all of the following conditions are met:

- a. Before hiring UXO Technicians who are not U.S. citizens, the contractor will be required to demonstrate that all efforts to obtain the required number of U.S. workers have been exhausted.
- b. The contractor will be prohibited from hiring any worker whose training does not qualify the worker for doing the job for which he/she is hired. The contractor will be required to provide a certification for each non-U.S. worker hired. The certification will include a risk-based analysis of the work or activities to be performed and will demonstrate that the proposed worker has received adequate training and experience to qualify him/her for the specific position. The contractor's certification will be provided to the CO for approval.
- c. The non-U.S. workers hired by contractors must also meet other legal requirements for working in the U.S.
- d. The contractor will ensure that non-U.S. citizens do not have access to the classified portions of the TM-60 publications.

5.5 Key Personnel. When required for the work effort, the following personnel will be designated as key personnel and shall meet the minimum qualifications listed for each labor category.

5.5.1 Project Manager. This individual shall have at least 3 years experience in general contract project management on programs similar in size and complexity to the effort described in the SOW.

5.5.2 Geophysicist.

- a. Project Geophysicist. This individual shall have a degree in geophysics, geology, geological engineering, or a closely related field, and shall have a minimum of 5 years of directly related geophysical experience. This individual has overall responsibility for design, implementation, and management of all geophysical investigations

required for the work effort, but may not necessarily be on-site full time. This individual shall be the project geophysicist-of-record.

b. Site Geophysicist. This individual shall have the same education requirements as the Project Geophysicist, except the 5 years minimum experience requirement is waived, if working under the general supervision of a Project Geophysicist. This individual is responsible for day-to-day operations of the site geophysical investigations. This individual may also be the Project Geophysicist if he/she meets the qualifications of "Project Geophysicist" above.

5.5.3 Senior UXO Supervisor (SUXOS). This individual shall be a graduate of a school listed in paragraph 5.4.1.a or 5.4.1.b. This individual shall have at least 15 years UXO experience, which shall include 5 years in supervisory positions. A SUXOS must be able to fully perform all of the functions enumerated for UXO Sweep Personnel and UXO Technicians I, II, and III. In addition, the ability to perform the following functions is a requirement for the SUXOS: Planning, coordinating, and supervising all contractor on-site MEC activities; preparing standing operating procedures (SOPs) for MEC operations, ensuring compliance with DoD directives as well as local, state, and Federal statutes and codes; and certification of MPPEH, munitions debris, and/or range-related debris, as ready for turn-in or disposal in accordance with current policies. The SUXOS must also be fully capable of supervising multiple project teams which may be performing MEC and munitions-related activities: e.g., vegetation removal; land surveying; reconnaissance and classification of MEC, pyrotechnic items, and military explosives and demolition materials; locating surface and subsurface MEC; destroying UXO and MEC by burning or detonation; and/or transporting and storing MEC and demolition material.

5.5.4 UXO Safety Officer (UXOSO). This individual shall have the same minimum qualifications as a UXO Technician III as listed in paragraph 5.6.1. In addition, this individual shall have the specific training, knowledge, and experience necessary to implement the APP and verify compliance with applicable safety and health requirements. This individual must be able to perform all functions enumerated for UXO Sweep Personnel and UXO Technicians I, II, and III. In addition, the UXOSO must have the ability to implement the approved MEC and explosives safety program in compliance with all DoD, Federal, state, and local statutes and codes; analyze MEC and explosives operational risks, hazards, and safety requirements; establish and ensure compliance with all site specific safety requirements for MEC and explosives operations; enforce personnel limits and safety exclusion zones for MEC removal operations, UXO and explosives transportation, storage, and destruction; conduct safety inspections to ensure compliance with MEC and explosives safety codes; and operate and maintain air monitoring equipment required at a site for airborne contaminants. In addition to the UXOSO's safety duties, this individual will be the certifying official designating Captured Enemy Ammunition (CEA) as safe to ship/move/transport.

5.5.5 UXO Quality Control Specialist (UXOQCS). This individual shall have the same minimum qualifications as a UXO Technician III as listed in paragraph 5.6.1. In addition, this individual shall have documented Quality Control training. This individual must be able to fully perform all functions enumerated for UXO Sweep Personnel and UXO Technicians I, II, and III. This individual must have the specific training, knowledge, and experience necessary to fully implement the contractor's QC plans. In addition, the UXOQCS must have the ability to implement the MEC specific sections of the Quality Control Program for all MEC-related evolutions; conduct quality control inspections of all MEC and explosives operations for compliance with established procedures; and direct and approve all corrective actions to ensure all MEC-related work complies with contractual requirements.

5.5.6 Captured Enemy Ammunition (CEA) Depot Manager. This individual shall have the necessary skills, training, and qualifications to perform the functions described herein. The CEA Depot Manager is responsible for managing the storage area. The CEA Depot Manager has stop work authority and is required to develop and implement corrective action procedures if ammunition is not handled appropriately. The CEA Depot Manager is responsible for all technical aspects of the storage operation to include accountability, accident/incident control, quantity distance, and fire protection, prevention, and safety. The CEA Depot Manager's primary focus is the safe receipt, storage, and issue/transport of CEA stocks to demolition areas. The CEA Depot Manager ensures CEA QC is performed, inspects work, and enforces safety practices. The CEA Depot Manager coordinates with Security to ensure the safe transport of CEA to demolition areas.

5.6 Core Labor Categories. The following labor categories may be required for the work effort, as described in each specific Task Order.

5.6.1 UXO Technician III. This individual, who supervises a project team, shall be a graduate of a school listed in paragraph 5.4.1. This individual shall have experience in MEC operations and supervising personnel, and shall have at least 10 years UXO experience. This individual must be able to fully perform all functions enumerated for UXO Sweep Personnel and UXO Technicians I and II. In addition, the ability to perform the following functions is a requirement for the UXO Technician III: Supervising and performing on-site disposal of MEC; preparing explosives storage plans in accordance with all applicable guidance; preparing required MEC administrative reports; preparing SOPs for on-site MEC operations; performing risk hazard analyses; conducting daily site safety briefings; and supervising the conduct of all on-site tasks directly related to MEC operations.

5.6.2 UXO Technician II. This individual shall be a graduate of a school listed in paragraph 5.4.1. Graduates of schools listed in paragraph 5.4.1.a or 5.4.1.b may assume the position based on graduation of the school. Graduates of a school listed in 5.4.1.c must complete 5 years experience after graduation prior to assuming this position. This individual must be able to fully perform all functions enumerated for UXO Sweep Personnel and UXO Technician I. In addition, the ability to perform the following functions is a requirement of the UXO Technician II: Properly storing MEC material in accordance with applicable guidance; identifying fuzes and determining fuze condition; determining a magnetic azimuth using current navigational/locating equipment; performing field expedient identification procedures to identify explosives contaminated soil; preparing an on-site holding area for MEC material; and operating modes of transportation for transporting MEC material, when appropriate.

5.6.3 UXO Technician I. This individual shall be a graduate of a course listed in paragraph 5.4.1.c. This individual assists fully qualified personnel (UXO Technician II and above) in the following functions: Conducting reconnaissance and classification of MEC and other MEC materials; identifying all munitions including bombs and bomb fuzes, guided missiles, projectiles and projectiles fuzes, rockets and rocket fuzes, land mines and associated components, pyrotechnics items, military explosives and demolition materials, grenades and grenade fuzes, and submunitions; locating subsurface MEC using military and civilian magnetometers and related equipment; performing excavation procedures on subsurface MEC; locating surface MEC by visual means; transporting MEC and demolition materials; preparing firing systems, both electric and non-electric, for destruction operations; operating Personnel Decontamination Stations (PDS); inspecting salvaged MEC-related material and erection of MEC-related protective works; and donning and doffing personnel protective equipment. The UXO Technician I shall not determine if MEC items are moveable.

5.6.4 Ammunition Quality Control Inspector. This individual shall have the necessary QC skills, training, and qualifications to perform the following duties: Prepares and implements the QC Plan for the receipt, storage, issue, and transportation of all ammunition products into and out of the storage area; inspects all explosives laden vehicles entering and leaving the storage area.

5.6.5 Ammunition Supervisor. This individual shall have the necessary skills, training, and qualifications to implement controls and identify hazards associated with CEA operations, transportation, storage, and handling to include lightning, material handling equipment (MHE), and static electricity. This individual shall have the necessary skills, training, and qualifications to perform the following duties: Inspects all storage magazines, open storage areas, and holding areas being used; implements corrective actions; assigns daily duties/tasks to the Ammunition Technicians; inspects work and enforces safety practices; ensures each Ammunition Technician under his/her supervision knows his/her part of the CEA operation; reports to the CEA Depot Manager the findings of his/her inspections; develops safe load plans for transport of CEA to demolition area; trains Ammunition Handlers and Ammunition Technicians in the proper handling of ammunition.

5.7 Other Labor Categories.

5.7.1 Ammunition Handler. This individual shall have the necessary skills, training, and qualifications to perform the following duties: Assists in receipt, storage, issue, destruction, and demilitarization of explosive items under the direction of the Ammunition Technician and supervision of the Ammunition Supervisor; assists in performing ammunition supply stock control and accounting using both automated and manual procedures; operates MHE to maneuver ammunition; handles ammunition in a safe and appropriate manner. This individual may receive on-site training to effectively perform the designated tasks and duties.

5.7.2 Ammunition Technician. This individual is responsible for handling ammunition in a safe and appropriate manner and shall have the necessary skills, training and qualifications to perform the following duties: Implements instruction from the Ammunition Supervisor; determines loads, magazine, or destination and assigns sufficient handlers and equipment to unload or unload ammunition transport vehicles as required; assists the Ammunition Supervisor with the training of Ammunition Handlers in the proper handling of ammunition; directs the Ammunition Handlers during the unloading, loading, and storage of ammunition; performs ammunition supply stock control and accounting duties using both automated and manual procedures; conducts inspections and inventories of ammunition as required and reports results to the Ammunition Supervisor. The Ammunition Technician has stop work authority and is required to implement corrective action procedures and notify the Ammunition Supervisor if ammunition is not handled appropriately.

5.7.3 Biologist. This individual shall be able to apply knowledge of principles and theories of biology and related sciences in the collection, measurement, analysis, evaluation, and interpretation of biological information concerning the structure, composition, and history of plants and animals. This includes the performance of basic research to establish fundamental principles to identify and protect special-status species and habitats.

5.7.4 Certified Industrial Hygienist (CIH). This individual shall meet the Office of Personnel Management Standards for the Industrial Hygiene Series GS-690 and is certified by the American Board of Industrial Hygiene with at least 3 years hazardous waste site operations experience. Board certification or eligibility shall be documented by written confirmation by the American Board of Industrial Hygiene (ABIH). Military personnel must be identified as being a qualified Industrial Hygienist by the Surgeon General and be certified by the American Board of Industrial Hygiene.

5.7.5 Certified Safety Professional (CSP). This individual shall meet the Office of Personnel Management Standards for the Safety and Occupational Health Specialist/Manager Series GS-018 or Safety Engineer Series GS 803 and be certified by the Board of Certified Safety Professionals or be a Registered Professional Engineer, with at least 3 years experience in hazardous waste operations. In addition, it is expected that the CSP, by virtue of his/her education, special studies, and training, have acquired competence in the practice of safety and occupational health.

5.7.6 Certified Health Physicist (CHP). This individual shall meet the Office of Personnel Management Standards for the Health Physicist Series, GS-1306 and be certified by the American Board of Health Physicists with at least 3 years experience in hazardous waste operations. In addition, it is expected that the CHP, by virtue of his/her education, special studies, and training, have acquired competence in the practice of Health Physics.

5.7.7 Chemist. Performs a full range of experiments and analyses and any of the duties associated with a lab technician while also holding at least a bachelor's degree in chemistry.

5.7.8 Civil Engineer. This individual shall have, as a minimum, a bachelor's degree in Civil Engineering or Civil Engineering Technology and 3 years of field or office experience. Preferably, this individual should have a minimum of 3 years experience in MEC or MEC-related activities. This could include surveying, mapping, aerial triangulation, global positioning system, geographic information systems development, or project management.

5.7.9 Drafter 1. Performs drafting work using a computer, requiring knowledge and skills in drafting methods, procedures, and techniques. Prepares drawings of structures, facilities, land profiles, water stems, mechanical and electrical equipment, pipelines, duct system, and similar equipment, systems, and assemblies. Drawings are used to communicate engineering ideas, design, and information. Uses recognized systems of symbols, legends, shadings, and lines having specific meanings in drawings.

5.7.10 Emergency Medical Technician. Provides emergency medical treatment to sick or injured persons at site of emergency and while in transit to medical facility, working as a member of an emergency medical team. Determines nature and extent of illness or injury, or magnitude of catastrophe, and establishes procedures to be followed or need for additional assistance, basing decisions on statements of persons involved, examination of victim or victims, and knowledge of emergency medical practice. Administers prescribed medical emergency treatment at site of emergency, or in vehicle en route to medical facility, performing such activities as applying

splints, administering oxygen, maintaining an adequate airway, treating minor wounds or abrasions, or performing cardiopulmonary resuscitation. Communicates with professional medical personnel at emergency treatment facility to obtain instructions regarding further treatment and to arrange for reception of victims at treatment facility.

5.7.11 Environmental Engineer. This individual shall have, as a minimum, a bachelor's degree in chemical engineering, civil engineering, or environmental engineering.

5.7.12 Field Office (Administrative). This individual shall have the same qualifications as a clerk/typist but must be capable of operating the office in the absence of the SUXOS. This person must be able to understand and answer questions relating to project status as obtained from status reports. This individual must also be capable of keeping track of field office personnel and appropriate time sheets.

5.7.13 Geographic Information Systems (GIS) Manager. This individual shall have a minimum of 3 years of direct experience managing computerized GIS such as Microstation, ESRI, Arc/Info, or ArcView. Operation and management of site specific GIS, based on USAESCH hardware and software standards may be a major element of this project.

5.7.14 Geologist. This individual shall be able to apply a knowledge of principles and theories of geology and related sciences in the collection, measurement, analysis, evaluation, and interpretation of geologic information concerning the structure, composition, and history of the earth. This includes the performance of basic research to establish fundamental principles and hypotheses and develop a fuller knowledge and understanding of geology and the application of these principles and knowledge to a variety of scientific, engineering, and economic problems.

5.7.15 Heavy Equipment Operator. Operates heavy equipment such as cranes, clamshells, power shovels, motor graders, heavy loaders, carryalls, bulldozers, rollers, scrapers, and tractors. Equipment is used to excavate, load, or move dirt, gravel, or other materials. Operator may be required to read and interpret grade and slope stakes and simple plans. Operator may be required to grease, adjust, and make emergency repairs to equipment.

5.7.16 Industrial Hygienist (IH). This individual shall meet the Office of Personnel Management Standard for the Industrial Hygiene Series GS-690, with 3 years experience in HTRW work; personnel certified by the American Board of Industrial Hygiene with one year experience in HTRW work; and military personnel identified as being a qualified IH by the Surgeon General having 3 years experience in HTRW work. In addition, it is expected that the IH, by virtue of his/her education, special studies, and training, have acquired competence in the practice of Industrial Hygiene.

5.7.17 Lab Technician. Performs laboratory tests according to prescribed standards to determine chemical and physical characteristics or composition of solid, liquid, or gaseous materials and substances. Sets up and adjusts laboratory apparatus and operates grinders, agitators, centrifuges, ovens, condensers, and vibrating screens to prepare material for testing according to established laboratory procedures. Tests materials for presence and content of elements or substances, such as HTRW. Examines materials using microscope. Records test results on standard forms, writes test reports describing procedures used, and prepares graphs and charts. Cleans and sterilizes laboratory apparatus. May prepare chemical solutions according to standard formulae.

5.7.18 Laborer. Performs tasks, which primarily require physical abilities and effort involving little or no specialized skill or prior work experience. The following tasks are typical of this occupation: Loads and unloads trucks and other conveyances; moves supplies and materials to proper location by wheelbarrows or hand trucks; stacks materials for storage or binning; collects refuse and salvageable materials; digs, fills, and tamps earth excavations; levels ground using pick, shovel, tamper, and rake; shovels concrete and snow; cleans culverts and ditches; cuts trees and brush; operates power lawnmowers; moves and arranges heavy pieces of office and household furniture, equipment, and appliances; moves heavy pieces of automotive, medical engineering, and other types of machinery and equipment. Spreads sand and salt on icy roads and walkways; picks up leaves and trash.

5.7.19 Mechanic. Repairs, rebuilds, or overhauls major assemblies of internal combustion automobiles, buses, trucks, or tractors. Diagnoses the source of trouble and determines the extent of repairs required; replaces worn or broken parts.

5.7.20 Safety Engineer. This individual shall meet the Office of Personnel Management Standards for a Safety Engineer Series GS-803 with 3 years experience in HTRW work; or be certified by the Board of Certified Safety Professionals with one-year experience in HTRW work. In addition, it is expected that the Safety Engineer, by virtue of his/her education, special studies, and training, have acquired competence in the practice of safety and occupational health.

5.7.21 Security Guard. Protects property from theft or damage, or persons from hazards or interference. Duties involve serving at a fixed post, making rounds on foot or by motor vehicle, or escorting persons or property. May be required to demonstrate (1) proficiency in the use of firearms and other special weapons and (2) continuing physical fitness.

5.7.22 Surveyor. This individual shall be a licensed Land Surveyor (may be called Professional Land Surveyor (PLS) or Registered Land Surveyor (RLS) depending on the state in which registered). He/she oversees the survey party and is responsible for all survey work performed under his/her direction, to include checking final field notes for clarity and accuracy and preparing plats and maps.

5.7.23 Survey Party Chief. This Individual shall have a minimum of 3 years experience as a Survey Party Chief, performing the following functions: leading daily field survey activities under the direction of a surveyor, supervising the survey crew, taking field notes, operating various surveying instruments, recovering control monuments, setting new control monuments, grid layouts, and other land surveying operations as required.

5.7.24 Surveyor Technician. Performs any of the following duties to assist in surveying land: Holds level or stadia rod at designated points to assist in determining distances and elevations and laying out stakes for map making, construction, mining, land, and other surveys; calls out reading or writes station number and reading in notebook; marks points of measurement with elevation, station number, or other identifying mark; measures distance between survey points, using steel or cloth tape or surveyor's chain; marks measuring point with keel (marking crayon), paint sticks, scratches, tacks, or stakes; places stakes at designated points and drives them into ground at specified elevation, using hammer or hatchet; cuts and clears brush and trees from line of survey, using brush hook, knife, ax, or other cutting tools.

5.7.25 Truck Driver. This individual shall have the appropriate Commercial Drivers License (CDL) depending on the vehicle type and transportation requirements. This individual drives a truck to transport materials, merchandise, equipment, or workers between various types of establishments such as manufacturing plants, freight depots, warehouses, wholesale and retail establishments or between retail establishments and customers' houses or places of business. May also load or unload truck with or without helpers, make minor mechanical repairs, and keep truck in good working order.

5.7.26 UXO Sweep Personnel. UXO Sweep personnel assist UXO Technicians and supervisory personnel in the clearance of MEC, operating only under the direct supervision of a qualified UXO Technician III. This position requires site and job specific contractor training (which may include ordnance recognition, safety precautions, donning and doffing personnel protective equipment, etc.) but does not require UXO Technician qualifications. UXO Sweep Personnel conduct visual and/or instrumented MEC search activities in the field; perform field maintenance on military and civilian magnetometers; operate ordnance detection instruments and other similar equipment to include digital geophysical mapping instruments; and remove munitions debris after such items have been certified/verified safe for handling by a qualified UXO Technician. UXO Sweep Personnel shall not excavate anomalies or handle MEC. UXO Sweep Personnel shall not be involved in the execution of explosives operations.

6.0 PERFORMANCE METRICS.

6.1 The performance and subsequently the evaluation of the contractor shall be based on certain performance metrics. The metrics include quality, schedule, cost control, business relations, management of personnel, and safety. Evaluations will normally be performed at least on a per Task Order basis and annually. Appraisals will be issued to support exercising subsequent option periods using AFARS 42.15 and ER 715-1-19. The contractor will be allowed to provide input to specific performance metrics on a Task Order basis. However, the Government will

make the final determination of specific performance metrics. Some performance metrics may include but are not limited to the following:

6.1.1 Quality:

6.1.1.1 Conformance with SOW with minimal contractor's rework.

6.1.1.2 Government reviewers do not find it necessary to make extensive and/or repetitive comments, correspondence or other communication regarding issues of which the contractor should have thorough knowledge.

6.1.2 Schedule:

6.1.2.1 Timely and complete submission of draft and final deliverables IAW SOW.

6.1.2.2 Timely commencement and completion of SOW-specified work.

6.1.2.3 Factors that may result in changed schedule are identified to the USAESCH project manager, in writing, in a timely manner.

6.1.3 Cost Control:

6.1.3.1 No unauthorized cost overruns.

6.1.3.2 Monthly cost reports accurate and submitted IAW SOW.

6.1.3.3 Factors that may result in changed costs are identified to the USAESCH project manager, in writing, in a timely manner.

6.1.4 Business Relations:

6.1.4.1 Met contractual obligations.

6.1.4.2 The customer (e.g. local Corps District, local installation representatives, etc.) has overall satisfaction with the work performed.

6.1.5 Management of Personnel:

6.1.5.1 Personnel were highly qualified, responsive and cooperative.

6.1.5.2 Personnel were able to manage their resources efficiently.

6.1.5.3 Personnel were knowledgeable and effective in their areas of responsibility.

6.1.6 Safety:

6.1.6.1 No Class A Accidents.

6.1.6.2 No major safety violations.

6.1.6.3 Minor safety violations uncommon.

6.1.6.4 No pattern of non-compliance with project safety standards.

6.2 Incentives. Incentives may be awarded to the contractor on a task order basis when he/she achieves an excellent overall performance rating on that Task Order. Incentives for excellent performance may include but are not limited to:

6.2.1 Letters/Certificates of Commendation presented in public ceremonies by high level USAESCH officials

6.2.2 Write-ups in USACE publications

6.2.3 Featuring project success stories at UXO forums and seminars

6.2.4 Posting of contractor's "excellent" performance on the Huntsville Center's home page

6.2.5 Exercising Option years on contract

6.3 The Government reserves the right to give incentive awards for specific acts, within specific areas or to specific individuals as well as on a Task Order basis.

6.4 Performance Improvement Plan. Any time the contractor receives a less than satisfactory rating on any performance metric, he/she will be required to develop a Performance Improvement Plan to correct any deficiencies in that area.

6.5 Disincentives. Disincentives for less than satisfactory performance may include but are not limited to:

6.5.1 Poor or Unsatisfactory Performance Appraisals

6.5.2 Awarding follow-on task order work to others

6.5.3 Not exercising Option years

6.5.4 Redoing unsatisfactory work at no cost to the government

7.0 DATA ITEM DESCRIPTIONS.

The following Data Item Descriptions are part of this Contract Package and are available on the USAESCH Web Page at: <http://www.hnd.usace.army.mil/oew/policy/dids/didindx.html>.

Table 7-1
Data Item Description Index

Number	Date	Title
MR-001	20031201	Type I Work Plan
MR-005-01	20031201	Type II Work Plan
MR-005-02	20031201	Technical Management Plan
MR-005-03	20031201	Explosives Management Plan
MR-005-04	20031201	Explosives Siting Plan
MR-005-05	20031201	Geophysical Investigation Plan
MR-005-05A	20031201	Geophysical Prove-out (GPO) Plan and Report
MR-005-06	20031201	Accident Prevention Plan
MR-005-07	20031201	Geospatial Information and Electronic Submittals
MR-005-08	20031201	Work, Data, and Cost Management Plan
MR-005-09	20031201	Property Management Plan
MR-005-10	20031201	Munitions Constituents Chemical Data Quality Deliverables
MR-005-11	20031201	Quality Control Plan
MR-005-12	20031201	Environmental Protection Plan

MR-005-13	20031201	Investigative Derived Waste Plan
MR-005-15	20031201	Accident Prevention Plan for Recovered Chemical Warfare Materiel (RCWM) Projects
MR-005-16	20031201	Interim Holding Facility Siting Plan for Recovered Chemical Warfare Materiel (RCWM) Projects
MR-005-17	20031201	Physical Security Plan for Recovered Chemical Warfare Materiel (RCWM) Project Sites
MR-010	20031201	Engineering Evaluation/Cost Analysis Report
MR-015	20031201	Accident/Incident Reports
MR-025	20031201	Personnel Resume
MR-030	20031201	Site Specific Final Report
MR-045	20031201	Report/Minutes, Record of Meetings
MR-055	20031201	Telephone Conversation/ Correspondence Records
MR-060	20031201	Conventional Explosives Safety Submission
MR-070	20031201	Recovered Chemical Warfare Materiel Safety Submission (CSS)
MR-080	20031201	Monthly Status Report
MR-085	20031201	Project Status Report
MR-100	20031201	Institutional Analysis and Institutional Control Plan
MR-110	20031201	Recurring Review Plan
MR-120	20031201	Historical Information

8.0 PUBLIC AFFAIRS.

8.1 Public Affairs. The contractor shall not publicly disclose any data generated or reviewed under this task order. The contractor shall refer all requests for information concerning site conditions to the local Corps District's Public Affairs Office (PAO), with concurrent notification to the USAESCH project manager. For CEA Task Orders, the contractor shall refer all requests for information to the USAESCH PAO. Reports and data generated under this task order are the property of the DoD and distribution to any other source by the contractor, unless authorized by the CO, is prohibited.

8.2 All reports and data, including all electronic data and software, generated under this contract are the property of the DoD who owns it and can use it or disseminate it without restriction or limitation. Distribution to any other source by the contractor, unless authorized by the CO, is prohibited.

9.0 REFERENCES.

9.1 Inventory of Unexploded Ordnance, Discarded Military Munitions, and Munitions Constituents at Defense Sites (Other than Operational Ranges), 10 United States Code (USC) 2710.

9.2 Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, Public Law (PL)96-510, 94 Stat 2767, 42 USC 9601.

9.3 27 Code of Federal Regulations (CFR) Part 55, Commerce in Explosives.

9.4 29 CFR. Labor.

9.5 29 CFR 1910.120/1926, Occupational Safety and Health Standards.

9.6 32 CFR, Part 203, Technical Assistance for Public Participation (TAPP) in Defense Environmental Restoration Activities.

9.7 49 CFR Parts 100-199, Transportation

9.8 40 CFR, Parts 260 through 270, U. S. Printing Office latest edition.

- 9.9 40 CFR, Part 300, EPA National Oil and Hazardous Substance Pollution Contingency Plan (NCP)
- 9.10 FAR 45.5 and its supplements, Federal Acquisition Regulation, Management of Government Property in the Possession of Contractors.
- 9.11 AFARS. Army Federal Acquisition Regulation Supplement Part 42.15.
- 9.12 DoD 4160.21-M, Defense Utilization and Disposal Manual.
- 9.13 DoD 4160.21-M-1, Defense Demilitarization Manual.
- 9.14 DoD 6055.9-STD, DoD Ammunition and Explosives Safety Standards.
- 9.15 AR 50-6, Chemical Surety.
- 9.16 AR 75-15, Responsibilities and Procedures for Explosive Ordnance Disposal (EOD).
- 9.17 AR 190-11, Physical Security of Arms, Ammunition, and Explosives.
- 9.18 AR 200-1, Environmental Protection and Enhancement.
- 9.19 AR 200-2, Environmental Effects of Army Actions.
- 9.20 AR 385-10, The Army Safety Program.
- 9.21 AR 385-40, Accident Reporting and Records with USACE Supplement.
- 9.22 AR 385-61, The Army Chemical Agent Safety Program.
- 9.23 AR 385-63, Safety, Policies and Procedures for Firing Ammunition for Training, Target, Practice and Combat.
- 9.24 AR 385-64, U.S. Army Explosives Safety Program.
- 9.25 DA PAM 40-8, Occupational Health Guidelines for the Evaluation and Control of Occupational Exposure to Nerve Agents, GB, GD, and VX.
- 9.26 DA PAM 40-173, Occupational Health Guidelines for Evaluation and Control of Occupational Exposure to Mustard Agents, H, HD, HT.
- 9.27 DA PAM 50-6, Chemical Accident or Incident Response and Assistance (CAIRA) Operations.
- 9.28 DA PAM 385-61, Toxic Chemical Agent Safety Standards.
- 9.29 DA PAM 385-64, Ammunition and Explosives Safety Standards.
- 9.30 HQDA Letter 385-00-2, DACS-SF, Explosives Safety Policy for Real Property Containing Conventional Ordnance & Explosives.
- 9.31 HQDA Letter 385-01-1, DACS-SF, Improved Conventional Munitions and Submunitions.
- 9.32 DACS-SF Memorandum, Approval of Safety Submissions for Non-Stockpile Chemical Warfare Materiel Response Activities, 29 Feb 2000.

9.33 DACS-SF Memorandum, Applicability of Biological Warfare Materiel and Non-Stockpile Chemical Warfare Materiel Response Activity Interim Guidance, 19 Mar 1998.

9.34 HQDA Policy Memorandum, Interim Guidance for Biological Warfare Materiel (BWM) and Non-stockpile Chemical Warfare Materiel (CWM) Response Activities, 5 Sep 97.

9.35 HQDA Policy Memorandum, Definitions Related to Munitions Response Actions, 28 Oct 03.

9.36 ER 200-3-1, FUDS Program Policy.

9.37 ER 385-1-92, Safety and Occupational Health Requirements for HTRW Activities.

9.38 ER 385-1-95, Safety and Health Requirements for Ordnance and Explosives (OE) Operations.

9.39 ER 715-1-19. Service and Supply Contractor Performance Evaluations.

9.40 ER 1110-1-8153, Ordnance and Explosives Response.

9.41 EP 75-1-2, UXO Support During HTRW and Construction Activities.

9.42 EP 75-1-3, Recovered Chemical Warfare Materiel (RCWM) Response.

9.43 EP 75-1-4, Recurring Reviews on Ordnance and Explosives (OE) Responses.

9.44 EP 385-1-95a, Basic Safety Concepts and Considerations for Ordnance and Explosives Operations.

9.45 EP 385-1-95b, Explosives Safety Submission.

9.46 EP 1110-1-17, Establishing a Temporary Open Burn and Open Detonation Site for conventional Ordnance and Explosives Projects.

9.47 EP 1110-1-18, Ordnance and Explosives Response.

9.48 Attachment to Chapter 20, EP 1110-1-18, UXO Personnel and Experience Hierarchy.

9.49 EP 1110-1-24, Establishing and Maintaining Institutional Controls for Ordnance and Explosives Projects.

9.50 EP 1110-3-8, Public Participation in DERP FUDS.

9.51 EM 200-2-1, Technical Project Planning (TPP) Process.

9.52 EM 385-1-1, Safety and Health Requirements Manual.

9.53 EM 1110-1-1200, Conceptual Site Models for Ordnance and Explosives (OE) and Hazardous, Toxic, and Radioactive Waste (HTRW) Projects.

9.54 EM 1110-1-4009, Engineering and Design, Ordnance and Explosives Response.

9.55 Pertinent government furnished unclassified TM 60-series publications.

9.56 TM 60A-1-1-31, EOD Procedures, General Information on EOD Disposal Procedures.

9.57 TM 60A-1-1-22. EOD Procedures: General EOD Safety Precautions.

9.58 NIOSH/OSHA/USCG/EPA Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities, Oct. 85.

9.59 ATFP 5400.7, Alcohol, Tobacco, and Firearms Explosive Laws and Regulations.

9.60 TM 9-1300-200, Ammunition General

9.61 TM 9-1300-214, Military Explosives

9.62 TM 9-1375-213-12, Operator's and Organization Maintenance Manual (Including Repair Parts and Special Tools List); Demolition Materials

9.63 TB 700-2, Department of Defense Ammunitions & Explosive Hazardous Classification Procedures.

9.64 CESO-E Memorandum, Applicability of Biological Warfare Materiel (BWM) and Non-Stockpile Chemical Warfare Materiel (CWM) Response Activities, 13 Apr 1998.

9.65 OE CX Interim Guidance Document 01-01, OE Risk Impact Assessment for OE EE/CA Evaluations, 27 Mar 2001.

9.66 OE CX Interim Guidance Document 01-02, Implementation of Technical Project Planning (TPP) for Ordnance and Explosives (OE) Formerly Used Defense Sites (FUDS) Projects, 27 Jun 2001.

9.67 **Reserved**

9.68 Procedures for Demolition of Multiple Rounds (Consolidated Shots) on OE Sites, August 1998 (terminology update March 2000).

9.69 International Mine Action Standards (IMAS).

9.70 Environmental Chemistry and Fate of Chemical Warfare Agents, Southwest Research Institute, Mar 94.

SECTION H - SPECIAL CONTRACT REQUIREMENTS

The following have been added by full text:

SECTION H CLAUSES ADDED OR CHANGED IN AMENDMENT 0001:**52.0016-4505 Task Order Contract and Delivery Order Ombudsman**

The Head of Contracting Activity is required to appoint a task delivery order ombudsman per FAR 16.505(b)(4). For all USACE contracting activities the ombudsman contact can be located at the following web site address:

<http://www.hnd.usace.army.mil>

(Go to "Doing Business with HNC", then "Directorate of Contracting", and "Vendor Information" to locate the ombudsman information.)

Ombudsman may be involved in all aspects of awarding task and delivery order contracts, the authority is limited to issues pertaining to the awarding of tasks and delivery orders under multiple award contracts.

Ombudsman may have the authority to: a) Review complaints from contractors awarded multiple award contracts that have not been afforded a fair opportunity; b) Require that the contracting officer take corrective action regarding the complaint; c) If the contracting officer doesn't agree with the ombudsman, the matter will be decided by the PARC.

Multiple award task and delivery order contracts shall identify the ombudsman.

52.242-4645 CITIZENSHIP

All UXO personnel employed for the performance under the proposed contracts shall be a United States Citizen with the exception that the contractor may hire non-US citizens to fill UXO personnel positions provided all of the conditions of Section C, Paragraph 5.4.5 are met.

SECTION L - INSTRUCTIONS, CONDITIONS AND NOTICES TO BIDDERS

The following have been modified:

INSTRUCTIONS TO OFFERORS

SECTION L

INSTRUCTIONS, CONDITIONS, AND NOTICES TO OFFERORS

1.0 Purpose. The purpose of this section is to provide guidance on the content and organization of the proposal. Each offeror is exhorted to be very diligent in the preparation of his/her proposal, meeting each of the stated requirements. The Government anticipates awarding multiple contracts after submission of initial offers without discussions (in accordance with the Contract Award Process outlined below). This solicitation will be competed on a full and open basis. This solicitation will result in award of up to nine but no less than four contracts, at least 50% of which will be set aside for small business. The North American Industry Classification Code (NAICS) for this acquisition is 562910.

2.0 Contract Award Process. A single-phased evaluation process will be utilized for source selection under this solicitation. Listed below are key milestones for this acquisition.

- Approved acquisition plan
- EBSI/ASFI
- Issue RFP
- Pre-Proposal conference
- Close RFP: All offerors shall submit Volumes I and II and questionnaires by the date specified in SF 33, Block 9
- Proposal evaluation complete
- Contract award

The schedule for award of this effort is aggressive. Maintaining the schedule will require the cooperation and commitment of both the offerors and the Government.

Definitive responses to RFP questions will be posted on the USAESCH OE home page at:

<http://www.hnd.usace.army.mil/ow/busops/busops.html>.

3.0 Proposal Format. Each offeror must (1) submit a page-limited written proposal (Volume I **including an SF 33**); (2) submit past performance questionnaires; and (3) submit a price proposal, the cover sheet – SF 33, and the Representations, Certifications and Other Statements of Offerors – Section K (Volume II) for evaluation. It is essential that all offerors refer to the DD Forms 1423 and associated DD Forms 1664 and Section J attachments to fully understand what is required to properly respond to the Request for Proposal (RFP).

4.0 WRITTEN SUBMITTAL AND COST/PRICE PROPOSAL

4.1 Written Proposal, Volume I. The written proposal shall contain complete written responses to Factors 1 through 6, and 7 (if applicable), and a completed SF33 with acknowledgement of all amendments. **A 100-page limitation, excluding the SF33, applies to Volume I, Factors 1 – 6. An additional 15 pages are permitted for Factor 7 only.** Pages submitted beyond this page limitation will not be evaluated. A table of contents, introduction, list of tables/figures, etc. are not considered necessary, but if submitted will count towards the page limitation. If double-sided printing is used, each side will count as one page. All information shall be typed and submitted in 8-1/2" x 11" format. The font size for proposal text shall be 11 point or larger. The font size for tables or graphs shall be no smaller than 8 point and shall be clearly readable. The only exceptions to the standard format are the past performance and experience matrices, which may be submitted in 11" x 17" format. Each 11" x 17" page will count as one page. Offerors shall submit an original and 8 copies of Volume I. Late submissions (submissions received after the closing date listed in Block 9 of the SF33) will be handled in accordance with Federal Acquisition Regulation (FAR) 52.215-1(c)(3), "Late Proposals and Revisions."

4.2 Contents of Volume I.

4.2.1 Factor 1: Corporate Experience. This factor demonstrates the breadth, depth, and relevancy of experience of the offeror and that of proposed team subcontractors, if specifically identified in the proposal. Breadth of experience reflects the offeror's experience in performing all of the tasks required under Section C, while depth of experience should show the magnitude of the offeror's experience in performing each of the tasks, and relevancy relates to the applicability or relevance of the experience to the Section C Statement of Work. Corporate experience will include only experience performed by a company, not individuals, under a contract or a subcontract. Experience considered may include both government and private sector contracts in providing the same or similar products and services as described in Section C of this solicitation, and the capability to provide such products and services under a similar size and type of contract. Only corporate experience performed within the last five years or currently being performed will be considered. Relevant experience performed OCONUS should be specifically noted and may be weighted higher than other CONUS experience. For subcontractor's corporate experience to be considered, offerors shall include letters of intent unconditionally committing subcontractors to performance under this contract should it be awarded to the offeror. Corporate experience of the prime offeror may carry more weight in the evaluation process than experience of team subcontractors. Prior experience of the proposed team on other similar efforts should be discussed and will be evaluated under this factor.

4.2.2 Factor 2: Hypothetical Scenarios. In order to determine the understanding of the nature and scope of services of this indefinite delivery/indefinite quantity services contract, four scenarios are provided. Each offeror should include a clear and concise response to each technical case scenario presented below. Each response to the scenarios should include the following elements: 1) A background discussion of the problem, including the sources of data, points of contact, coordination required, relevant regulations or guidance, problems, and topics relevant to the project; 2) A discussion of field methods, including any types of equipment used to locate ordnance and map its location, key personnel and their expertise, and any other techniques relevant to the fieldwork or other activities; 3) An identification of hazards discussion, including the types of ordnance/ammunition that may be found and potential hazards of the site as well as potential hazards of the ordnance/ammunition; 4) A brief discussion of any specialized expertise required, including any specialized requirements needed to accomplish the work effort; and 5) An assessment of the work tasks within a time schedule, including field team composition and productivities. The Contractor shall identify any limiting factors, or assumptions, used in responding to each scenario. The scenarios are:

Scenario 1: Engineering Evaluation/Cost Analysis.

A Formerly Used Defense Site, the Former Cromwell Training Center, was used from 1898-1967. The site encompassed 42,000 acres in Texas. The Archives Search Report (ASR) documented that the site was used, at various times, for artillery training, tank training, air-to-ground gunnery training, anti-tank infantry training and also contained a maneuver area. The site straddles the county line dividing Smith and Jones Counties. Currently, 8,000 acres is designated as the Sun Lit Hills National Wildlife Refuge. There are three small towns of less than 5000 people, two in Smith County and one in Jones County. Various homesteads/ ranches are spread over both counties. Property is used as primary residences, for farming and recreational purposes (i.e., horseback riding, all-terrain vehicles, hunting and hiking/camping). Billy's Creek meanders through the northwest corner of the site. This creek is used for irrigation, live stock watering and fishing. Two suspected 75MM HE rounds were discovered by the National Wildlife Refuge (NWR) Park Ranger in 1977 on NWR property. Due to critical habitat issues the items were left in place. There have been occasional discoveries of other ordnance related material, i.e., fragmentation and expended cartridge cases. The ASR indicates that these items have only been found within the historical range boundaries.

Scenario 2: Range Clearance.

An active base, Camp Volunteer, has an active range consisting of 1100 acres. Camp Volunteer is located in southwest Tennessee, 60 miles east of Memphis. The range has been in use since 1975. This range is used for combat training to include tank and light artillery. There are vehicle targets located on the range. There are confirmed M-42s on the range. It is reported that the M-42s were dropped on the range by mistake. The Corps of Engineers has been tasked to clear the range, including the vehicle targets. Targets will be replaced by modern pop-up and moving targets, which will be installed by a separate construction contractor. New target construction requires excavation to 3 feet at target locations and trenching for cables to 3 feet. This range is critical to unit readiness. Down time must be minimized.

Scenario 3: Overseas Operations.

The U.S. recently conducted military operations in the Middle East. As a result, tons of captured enemy ammunition (CEA) must be disposed of. There are numerous Ammunition Supply Points located throughout the country. Active EOD personnel have been destroying the ammunition as fast as possible but are overwhelmed with the volume. EOD does not have the assets to complete this task and conduct other missions. The Corps of Engineers has been tasked to provide cradle to grave services for the ammunition and to transition this work from EOD personnel to civilian contractors. This includes collection, transportation, repackaging and storage of usable items, and destruction of the remaining items. Military assets are available for a limited duration following which time the contractor must provide their own transportation, life support, communications, security and any other logistical needs with the exception of medical support. CEA includes munitions manufactured in several foreign countries, including but not limited to Russia, Italy, and Czechoslovakia. The area, although military forces are present, is considered dangerous due to guerilla attacks and bombings. **Assume you have been tasked to manage one of these Supply Points, with 100,000 tons of CEA.**

Scenario 4: Recovered Chemical Warfare Materiel (RCWM) Project.

Former Camp Black, Florida was used by the military from 1925-1947 during WWI and WWII. According to the ASR the installation originally had 45,000 acres and was used during this period as a training area for troops and was later established in 1942 as a training center for the Chemical Warfare Service (CWS). The camp was designed to serve as a training center in chemical warfare for individual soldiers and for chemical units in the advanced phases of their training. At Camp Black the CWS conducted various training exercises such as smoke screen defense, chemical decontamination, chemical depot maintenance, chemical impregnating of clothing, and chemical handling and filling operations--the training involved the use of simulants and toxic agents. The camp also had an airfield, which was used by the Army Air Force to provide simulated chemical air attacks on the troops. Currently the area has a mixture of industrial and residential property. Mr. Brown, a former military officer of the CWS and current resident, stated that his team in 1945 buried some K941 and K951 CAIS, that were in steel pigs, along with some 20-25 leaking 4.2 chemical mortars. (Typically, these mortars are stored without explosives installed with a cap or nose plug) He wanted to let someone know that the area is in proximity to where a new residential development is proposed. After further archive review at Technical Escort Unit (TEU), a TEU report stated that 23 leaking H rounds were buried at the Camp Black but no location was noted. Mr. Brown took the project team to the area and he focused the burial on about a 20-acre site. This area is currently used as grazing but has been purchased by Joe Construction for residential development. These 20 acres are surrounded by residential single-family homes on the East and South. On the West side are numerous commercial facilities. The North is wooded and is owned by the State of FL and is used as hiking trails. The Corps of Engineers has tasked your firm to conduct an EE/CA for this site.

4.2.3 Factor 3: Organization/Management Capabilities. This discussion will identify and detail the organizational management approach the offeror plans to utilize to meet the requirements of the contract SOW in Section C. Areas discussed should include:

- Team composition: Include organizational relationships with any proposed subcontractors. Indicate the size, diversity, and organizational structure of the team as a whole. Discuss to what extent the prime has worked with the proposed subcontractors in the past.

- Roles and responsibilities: Include the amount of planned usage for each subcontractor by percentage and identify the roles and responsibilities of team members, including the limits of responsibility for each subcontractor. Also discuss how team members interface and interact (an organizational chart should clearly indicate reporting lines). Discuss program and project integration and planning.

- Capacity: Discuss your proposed plan for resourcing this contract, including how you will provide the staffing and equipment needed to perform the contract. Describe how you would simultaneously manage multiple projects of varying size, complexity, and locations worldwide, and accommodate unexpected surges if the need arises. Demonstrate the efficiency and effectiveness of your plan.

- Cost/schedule/risk assessment, reporting and controls: Include a description of your organizations cost-management and reporting system(s) and a description of your organization's ability to identify critical cost and schedule impacts and how you would

manage and control multiple subcontractors and multiple task orders to avoid cost and schedule impacts.

- Logistical Support, Engineering Management, and Instructional Support. Discuss your ability to provide equipment, life support (e.g., food services, lodging, transportation), and other services to sustain field operations. Include support to the USAESCH in providing instruction related to Munitions Response or MEC activities.

4.2.4 Factor 4: Technical Capabilities and Safety. The technical discussion should demonstrate expertise in the entire spectrum of activities needed to satisfy all requirements identified in the Section C SOW. Expertise with a broad range of tools and approaches should be demonstrated, the process for selecting specific tools/approaches for a given activity described. Areas discussed should include:

-Safety: Comprehensive understanding of applicable safety requirements and demonstrated ability to implement these requirements into an effective, comprehensive, and coherent safety program. Include your safety record, including accident history, major safety violations, and corrective actions, for past MEC or other munitions related work and your current Insurance Industry Safety Rating.

- Quality Control/Quality Management: Comprehensive understanding of quality management procedures and demonstrated ability to implement a program on both a corporate level and a project level that ensures compliance with the contract requirements.

-Comprehensive understanding of Munitions Response process and ability to technically integrate large and complex efforts across a process and program, including digital data collection, analysis, storage and management

-Comprehensive understanding of evaluating, storing, and disposing of foreign munitions, including post-battlefield cleanup, and safe and effective destruction of large quantities of ammunition in difficult environments

-Expertise in multiple technologies/approaches for each critical Section C activity

-Continuous Improvement/Lessons-Learned: Describe your organization's commitment to continuous improvement/lessons-learned and its ability to identify and field innovative technologies and approaches to Munitions Response or other munitions related services.

4.2.5 Factor 5: Past Performance. Under this factor the government will evaluate whether the offeror and its proposed subcontractors have consistently demonstrated a commitment to customer satisfaction, safety, and timely delivery of quality products and services at fair and reasonable prices. Data supporting this factor will include the information submitted in the past performance matrix, as well as information received in customer questionnaires.

Past performance information, as defined in FAR 42.1501, will be evaluated in accordance with FAR 15.305(a)(2). Information may be obtained from: 1) the questionnaires returned to the Government from the offeror's customers, 2) the references listed in the proposal, 3) other customers known to the Government, and/or 4) any other sources who may have useful and relevant information. Information regarding major subcontractors that will perform greater than 10% of the work effort will also be considered; however, the past performance for the prime offeror may carry more weight in the evaluation process. Prime offerors should obtain and submit from their principle subcontractors a consent to disclose past performance information collected on principle subcontractors to the prime offeror. The past performance assessment by the government will include a determination of the offeror's commitment to customer satisfaction and will include conclusions resulting from informed judgment.

If an offeror lacks relevant past performance history in its own right, the offeror should present relevant past performance information regarding predecessor companies, key personnel, or major subcontractors. Absent any of the above information, the offeror will not be evaluated favorably or unfavorably for past performance.

Subcontractor experience/credentials will be evaluated as part of the proposal if the subcontractors are identified and if the proposal includes a written unconditional commitment from each subcontractor to undertake performance under any resultant contract.

Each offeror will be evaluated on his/her performance under existing and prior contracts for similar services. Performance information will be used for both responsibility determination and as an evaluation factor against which the offerors' relative rankings will be compared to assure best value to the Government. The Government will focus on information that demonstrates quality of performance relative to size and complexity of the procurement under consideration. The Past Performance Information form identified in Section J, Attachment A, will be used to collect this information, along with data obtained by calling references and other data available on past performance.

4.5.1.1 Past performance references matrix:

(1) The past performance matrix should identify a minimum of ten projects, if possible, of similar size, complexity, and nature that may be expected under this contract on which the offeror or a major subcontractor (a major subcontractor or team member is one that is proposed to perform 10% or more of this effort) performed substantial, critical effort within the past five years. The contracts may be past or current contracts with the Federal, State, or local government, or private companies. The Contracting Officers contained in this matrix are the customers who will provide past performance data which, as specified in Section M, will form a critical component of the past performance evaluation. Information included in the matrix for each project should include:

- (1) Contractor name;
- (2) Contract number;
- (3) Performed as a prime or subcontractor;
- (4) Contract Type;
- (5) Date Awarded;
- (6) Awarded cost/price;
- (7) Final/projected cost/price;
- (8) Description of work performed, including type of technology and physical size of project (acreage);
- (9) Original delivery date;
- (10) Final/projected delivery date;
- (11) Government Contracting office/company, address and phone number;
- (12) Procuring Contracting Officer (PCO), address, phone, data fax number;
- (13) Administrative Contracting Officer (ACO), address, phone, data fax number;
- (14) Government Technical Representative/Contracting Officer's Representative (COR), address, phone, data fax number;
- (15) Government Project Manager, address, phone, data fax number;
- (16) Major Safety Incidents, Accidents, and Violations (see Section C, paragraph 5.1.2.1);
- (17) Contract terminations, cure/show cause letters, or problems encountered and offeror's corrective actions taken;

(2) The offeror shall indicate Points of Contact (POCs) to which Past Performance Questionnaires were sent by use of bold italic print in the matrix. If the offeror fails to provide a point of contact for any of the listed projects, the experience may not be considered.

(3) The past performance references matrix may be in 11"x17" format.

4.5.1.2 Past Performance Questionnaire. Each offeror shall send the performance information/questionnaire form identified in Section J, Attachment A, to the past performance references submitted in Volume I. The questionnaires must be signed by the Contracting Officer and must reflect an organizational or project team evaluation of the performance of the contractor and not an individual's opinion. The reference shall return the completed form directly to:

Commander, U. S. Army Engineering and Support Center, Huntsville
ATTN: CEHNC-CT-E/Frances Steel

P.O. Box 1600
Huntsville, Alabama 35807

Fax 256-895-1378

Or Email to: Frances.R.Steel@hnd01.usace.army.mil

The questionnaires should be received prior to the closing date and time in Block 9 of the Standard Form 33. The Government may contact the offeror's references, or any other source, to verify that the submitted information is correct and determine the customers' satisfaction with various aspects of the offeror's performance. Offerors should note that it may be in their best interest to coordinate with the references included in their past performance matrix to ensure that past performance data is submitted to USAESCH in a timely manner.

4.2.6 Factor 6: Key Personnel and Other Resources. This factor considers the qualifications, experience, and capability of the personnel identified by the offeror as key personnel under this contract and the magnitude of prime and team subcontractor personnel and non-personnel resources available to the contract. The evaluation of this factor includes quality, relevancy, depth and range of experience. Key personnel roles and responsibilities should be addressed. This factor also includes prime contractor resource capability to simultaneously manage multiple projects of varying complexity, size, and location.

Offerors shall identify the names and titles of proposed key personnel and their organizational relationships. Resumes of key personnel must be provided. The government has provided guidance in the Section C on key personnel and personnel qualifications, but in keeping with the performance-based nature of this contract, each offeror should determine and justify which personnel are considered key personnel in line with his/her proposed technical and management approach to this contract. Offerors should include letters of intent unconditionally committing key personnel that are not employed by the offeror or identified team members to performance under this contract.

Each proposal should indicate whether the offeror is proposing solely, as a joint venture, a teaming arrangement, or other subcontract arrangement. Each offeror should provide the number and type of prime contractor personnel and other non-personnel resources and the number and type of team subcontractor personnel and other non-personnel resources currently available to support this contract.

4.2.7 Factor 7: Commitment to Small Business. Offerors that are considered to be large business concerns should include an explanation of how the small business goals contained in Section H, Clause 52.0219-4000 will be attained for this contract. The government will evaluate the proposed usage of each offeror's small business subcontractors or team members and determine the likelihood of successfully meeting the stated goals. Offerors that are small businesses will be considered committed to small business. Large businesses should also provide information on the extent to which the offeror as a past contractor carried out the policies of FAR 52.219-8 and FAR 52.219-9 (See RFP Section I.20 and I.21) on prior contracts. Offerors should submit sufficient SF 294s and SF 295s to demonstrate achievement of established subcontracting goals.

4.3 Volume II, Cost/Price Proposal. As stated in Section B, the offeror shall propose on all time-and-materials CLINs and all fixed price CLINs. All labor categories proposed must be priced. The offeror may propose modifications, additions or deletions to the CLINs (found in the Schedule of Section B) as necessary to perform the work required under this solicitation. Changes to the CLINs should be identified and justified as part of the price proposal in Volume II. The offeror should price all CLINs and include rollup pricing for sub-CLINs using the estimated quantities provided in the schedule in Section B.

As stated in Section M, the Contracting Officer will consider price reasonableness and realism in the evaluation of cost/price. The Government will examine in depth those prices that appear to be excessively low or high when compared to the Government Estimate and other price evaluation techniques. Accordingly, as part of their price proposals, offerors will submit the following schedule pricing information (which is not cost or pricing data under FAR 15.403-3): a breakdown showing all markups applied to the base labor rate leading to the FFP and T&M labor CLIN totals. Markups may include for example direct and indirect costs applied to that rate, including field

overhead, General and Administrative Costs, Profit, and etc. The schedule in Section B and the cost breakdown back-up data should be provided in Excel spreadsheet format. No pdf files for cost and pricing data should be submitted.

The agency may contact the offerors about their cost/price proposals, but it is intended such requests for explanation will constitute only clarifications or communications under FAR 15.306. The technical ratings may be adjusted based on the realism of the proposed prices, but the prices will not be adjusted. Offerors should submit an original and 4 copies of Volume II.